



FORMER NEBRASKA ORDNANCE PLANT

**SUMMARY REPORT
FOURTH QUARTER (DECEMBER) 2006**

**WATER SUPPLY WELL
GROUNDWATER MONITORING WELL
SURFACE WATER**

March 22, 2007

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ECC

Memorandum

Date: March 22, 2007

To: USACE-KCD

From: ECC

Subject: Summary Report

Fourth Quarter (December) 2006 Analytical Results (Validated)

Water Supply Well, Groundwater Monitoring Well, and Surface Water Sampling Events
Former Nebraska Ordnance Plant, Mead, Nebraska

ECC is providing this Summary Report memorandum as a review of the fourth quarter (December) 2006 validated analytical data from the water supply well (WSW), groundwater monitoring well (MW), and surface water (SW) sampling events at the Mead former Nebraska Ordnance Plant. The fourth quarter 2006 WSW sampling event was performed in accordance with the *Draft Final Work Plan and Sampling and Analysis Plan for Water Supply Wells* (ECC, 2006). The MW sampling event was performed in accordance with the *Draft Final Work Plan and Sampling and Analysis Plan for Groundwater Monitoring Well Sampling* (ECC, 2006). The SW sampling event was performed in accordance with the MW Work Plan and Sampling and Analysis Plan Appendix A, *Draft Final Surface Water Work Plan* (ECC, 2006). The number of samples collected, analyses performed, and any deviations from the sampling activities outlined in the respective Work Plan and Sampling and Analysis Plan are described below for each event.

Fourth Quarter 2006 Water Supply Well Sampling Event

Eight water supply wells were sampled during the Fourth Quarter 2006 WSW sampling event. All samples were analyzed for VOCs and explosives. Four locations (WSW-063, WSW-064, WSW-080, and WSW-081) were unplanned samples collected due to 3rd quarter data quality issues. All planned samples were collected.

Fourth Quarter 2006 Groundwater Monitoring Well Sampling Event

Twenty-four monitoring well locations were sampled during the fourth quarter 2006 MW sampling event. MW-41A, MW-41B, and MW-41D were unplanned samples collected due to 3rd Qtr access issues and were only analyzed for VOCs. All other locations were analyzed for VOCs and explosives. All planned samples were collected.

Fourth Quarter 2006 Surface Water Sampling Event

Twelve surface water locations were sampled during the fourth quarter 2006 SW sampling event. All locations were sampled for VOCs and explosives. Location SW-05 was frozen and no sample could be collected. All other planned samples were collected.

The fourth quarter 2006 validated analytical results are presented in Table WSW-1 (results) for water supply wells, Table MW-1 (results) and Table MW-2 (detections) for monitoring wells, and Table SW-1 (results) and Table SW-2 (detections) for surface water. There were no

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detections in the WSWs sampled during the fourth quarter. The fourth quarter 2006 validated results for groundwater contaminants of concern (COCs) identified in the 1997 Operable Unit 2 (OU2) Record of Decision (ROD) are presented in Table WSW-2 for water supply wells, Table MW-3 for monitoring wells, and Table SW-3 for surface water. The fourth quarter 2006 sampled well locations are presented in Figure WSW-1 for water supply wells, Figure MW-1 for monitoring wells, and Figure SW-1 for surface water.

Results were validated in accordance with the *Kansas City District Data Quality Evaluation Guidance* (USACE, 2003) and the *Data Quality Evaluation Guidance, USACE CENWK-EC-EF* (USACE, 2001) outlined in the Quality Assurance Project Plans (ECC, 2005). The data quality evaluations for each event are discussed in the following three Quality Control Summary Reports:

- *Quality Control Summary Report, Fourth Quarter 2006 Water Supply Well Sampling Event* (ECC, 2006);
- *Quality Control Summary Report, Fourth Quarter 2006 Monitoring Well Sampling Event* (ECC, 2006) and;
- *Quality Control Summary Report, Fourth Quarter 2006 Surface Water Sampling Event* (ECC, 2006).

Tables

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-050B	WSW-050B	WSW-051	WSW-051	WSW-051A	WSW-051A
	Field Sample ID:	050B-122006	050B-122006	051-122006	051-122006	051A-122006	251A-122006
	Lab Sample ID:	06121441	0612132-01	06121442	0612132-02	06121443	06121449
	Lab Name:	CAS	AML	CAS	AML	CAS	CAS
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample	Field Duplicate				
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
Hexane	ug/l	5 UJ		5 UJ		5 UJ	5 U
p-Isopropyltoluene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,1-Dichloroethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,1-Dichloroethene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,1-Dichloropropene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,1,1-Trichloroethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,1,1,2-Tetrachloroethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,1,2-Trichloroethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,1,2-Trichlorotrifluoroethane	ug/l	5 U		5 U		5 U	5 U
1,2-Dibromo-3-chloropropane	ug/l	10 U		10 U		10 U	10 U
1,2-Dibromoethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,2-Dichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,2-Dichloroethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,2-Dichloropropane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,2,3-Trichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,2,3-Trichloropropane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,2,4-Trichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,2,4-Trimethylbenzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,3-Dichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,3-Dichloropropane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
1,3,5-Trimethylbenzene	ug/l	0.5 UJ		0.5 UJ		0.5 UJ	0.5 U
1,4-Dichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
2-Butanone	ug/l	25 U		25 U		25 U	25 U
2-Chloroethyl vinyl ether	ug/l	5 U		5 U		5 U	5 U
2-Chlorotoluene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-050B	WSW-050B	WSW-051	WSW-051	WSW-051A	WSW-051A
	Field Sample ID:	050B-122006	050B-122006	051-122006	051-122006	051A-122006	251A-122006
	Lab Sample ID:	06121441	0612132-01	06121442	0612132-02	06121443	06121449
	Lab Name:	CAS	AML	CAS	AML	CAS	CAS
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample	Field Duplicate				
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
2-Hexanone	ug/l	25 U		25 U		25 U	25 U
2,2-Dichloropropane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
4-Chlorotoluene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
4-Methyl-2-pentanone	ug/l	25 U		25 U		25 U	25 U
Acetone	ug/l	25 U		25 U		25 U	25 U
Acrolein	ug/l	25 U		25 U		25 U	25 U
Acrylonitrile	ug/l	25 U		25 U		25 U	25 U
Benzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Bromobenzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Bromochloromethane	ug/l	1 U		1 U		1 U	1 U
Bromodichloromethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Bromoform	ug/l	1 U		1 U		1 U	1 U
Bromomethane	ug/l	1 U		1 U		1 U	1 U
Carbon disulfide	ug/l	5 U		5 U		5 U	5 U
Carbon tetrachloride	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Chlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Chloroethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Chloroform	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Chloromethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
cis-1,2-Dichloroethene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
cis-1,3-Dichloropropene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Dibromochloromethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Dibromomethane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Dichlorodifluoromethane	ug/l	2 U		2 U		2 U	2 U
Ethylbenzene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Hexachlorobutadiene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:	WSW-050B	WSW-050B	WSW-051	WSW-051	WSW-051A	WSW-051A
Field Sample ID:	050B-122006	050B-122006	051-122006	051-122006	051A-122006	251A-122006
Lab Sample ID:	06121441	0612132-01	06121442	0612132-02	06121443	06121449
Lab Name:	CAS	AML	CAS	AML	CAS	CAS
Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
Field QC:	Original Sample	Field Duplicate				
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units					
Isopropylbenzene	ug/l	0.5 U				
Methyl tert butyl ether	ug/l	5 U	5 U	5 U	5 U	5 U
Methylene chloride	ug/l	0.5 U				
Methyliodide	ug/l	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	ug/l	0.5 U				
Naphthalene	ug/l	0.5 U				
n-Butylbenzene	ug/l	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
n-Propylbenzene	ug/l	0.5 U				
o-Xylene	ug/l	0.5 U				
sec-Butylbenzene	ug/l	0.5 U				
Styrene	ug/l	0.5 U				
tert-Butylbenzene	ug/l	0.5 U				
Tetrachloroethene	ug/l	0.5 U				
Toluene	ug/l	0.5 U				
trans-1,2-Dichloroethene	ug/l	0.5 U				
trans-1,3-Dichloropropene	ug/l	1 U	1 U	1 U	1 U	1 U
trans-1,4-Dichloro-2-butene	ug/l	5 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/l	0.5 U				
Trichlorofluoromethane	ug/l	1 U	1 U	1 U	1 U	1 U
Vinyl acetate	ug/l	25 U				
Vinyl chloride	ug/l	0.5 U				
Explosives	Units					
1,3-Dinitrobenzene	ug/l	0.077 U	0.078 U	0.078 U	0.078 U	0.078 U
1,3,5-Trinitrobenzene	ug/l	0.077 U	0.078 U	0.078 U	0.078 U	0.078 U
2-Amino-4,6-Dinitrotoluene	ug/l	0.077 U	0.078 U	0.078 U	0.078 U	0.078 U

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-050B	WSW-050B	WSW-051	WSW-051	WSW-051A	WSW-051A
	Field Sample ID:	050B-122006	050B-122006	051-122006	051-122006	051A-122006	251A-122006
	Lab Sample ID:	06121441	0612132-01	06121442	0612132-02	06121443	06121449
	Lab Name:	CAS	AML	CAS	AML	CAS	CAS
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample	Field Duplicate				
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1

Explosives	Units		
2-Nitrotoluene	ug/l	0.077 U	0.078 U
2,4-Dinitrotoluene	ug/l	0.077 U	0.078 U
2,4,6-Trinitrotoluene	ug/l	0.077 U	0.078 U
2,6-Dinitrotoluene	ug/l	0.077 U	0.078 U
3-Nitrotoluene	ug/l	0.077 U	0.078 U
4-Amino-2,6-Dinitrotoluene	ug/l	0.077 U	0.078 U
4-Nitrotoluene	ug/l	0.077 U	0.078 U
HMX	ug/l	0.077 U	0.078 U
Nitrobenzene	ug/l	0.077 U	0.078 U
RDX	ug/l	0.077 U	0.078 U
Tetryl	ug/l	0.077 U	0.078 U

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-051A	WSW-051A	WSW-052B	WSW-052B	WSW-063	WSW-063
	Field Sample ID:	051A-122006	251A-122006	052B-122006	052B-122006	063-122006	063-122006
	Lab Sample ID:	0612132-03	0612132-09	06121444	0612132-04	06121445	0612132-05
	Lab Name:	AML	AML	CAS	AML	CAS	AML
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
Hexane	ug/l			5 UJ		5 UJ	
p-Isopropyltoluene	ug/l			0.5 U		0.5 U	
1,1-Dichloroethane	ug/l			0.5 U		0.5 U	
1,1-Dichloroethene	ug/l			0.5 U		0.5 U	
1,1-Dichloropropene	ug/l			0.5 U		0.5 U	
1,1,1-Trichloroethane	ug/l			0.5 U		0.5 U	
1,1,1,2-Tetrachloroethane	ug/l			0.5 U		0.5 U	
1,1,2,2-Tetrachloroethane	ug/l			0.5 U		0.5 U	
1,1,2-Trichloroethane	ug/l			0.5 U		0.5 U	
1,1,2-Trichlorotrifluoroethane	ug/l			5 U		5 U	
1,2-Dibromo-3-chloropropane	ug/l			10 U		10 U	
1,2-Dibromoethane	ug/l			0.5 U		0.5 U	
1,2-Dichlorobenzene	ug/l			0.5 U		0.5 U	
1,2-Dichloroethane	ug/l			0.5 U		0.5 U	
1,2-Dichloropropane	ug/l			0.5 U		0.5 U	
1,2,3-Trichlorobenzene	ug/l			0.5 U		0.5 U	
1,2,3-Trichloropropane	ug/l			0.5 U		0.5 U	
1,2,4-Trichlorobenzene	ug/l			0.5 U		0.5 U	
1,2,4-Trimethylbenzene	ug/l			0.5 U		0.5 U	
1,3-Dichlorobenzene	ug/l			0.5 U		0.5 U	
1,3-Dichloropropane	ug/l			0.5 U		0.5 U	
1,3,5-Trimethylbenzene	ug/l			0.5 UJ		0.5 UJ	
1,4-Dichlorobenzene	ug/l			0.5 U		0.5 U	
2-Butanone	ug/l			25 U		25 U	
2-Chloroethyl vinyl ether	ug/l			5 U		5 U	
2-Chlorotoluene	ug/l			0.5 U		0.5 U	

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:	WSW-051A	WSW-051A	WSW-052B	WSW-052B	WSW-063	WSW-063
Field Sample ID:	051A-122006	251A-122006	052B-122006	052B-122006	063-122006	063-122006
Lab Sample ID:	0612132-03	0612132-09	06121444	0612132-04	06121445	0612132-05
Lab Name:	AML	AML	CAS	AML	CAS	AML
Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
Field QC:	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units					
2-Hexanone	ug/l		25 U		25 U	
2,2-Dichloropropane	ug/l		0.5 U		0.5 U	
4-Chlorotoluene	ug/l		0.5 U		0.5 U	
4-Methyl-2-pentanone	ug/l		25 U		25 U	
Acetone	ug/l		25 U		25 U	
Acrolein	ug/l		25 U		25 U	
Acrylonitrile	ug/l		25 U		25 U	
Benzene	ug/l		0.5 U		0.5 U	
Bromobenzene	ug/l		0.5 U		0.5 U	
Bromochloromethane	ug/l		1 U		1 U	
Bromodichloromethane	ug/l		0.5 U		0.5 U	
Bromoform	ug/l		1 U		1 U	
Bromomethane	ug/l		1 U		1 U	
Carbon disulfide	ug/l		5 U		5 U	
Carbon tetrachloride	ug/l		0.5 U		0.5 U	
Chlorobenzene	ug/l		0.5 U		0.5 U	
Chloroethane	ug/l		0.5 U		0.5 U	
Chloroform	ug/l		0.5 U		0.5 U	
Chloromethane	ug/l		0.5 U		0.5 U	
cis-1,2-Dichloroethene	ug/l		0.5 U		0.5 U	
cis-1,3-Dichloropropene	ug/l		0.5 U		0.5 U	
Dibromochloromethane	ug/l		0.5 U		0.5 U	
Dibromomethane	ug/l		0.5 U		0.5 U	
Dichlorodifluoromethane	ug/l		2 U		2 U	
Ethylbenzene	ug/l		0.5 U		0.5 U	
Hexachlorobutadiene	ug/l		0.5 U		0.5 U	

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	WSW-051A	WSW-051A	WSW-052B	WSW-052B	WSW-063	WSW-063
Field Sample ID:	051A-122006	251A-122006	052B-122006	052B-122006	063-122006	063-122006
Lab Sample ID:	0612132-03	0612132-09	06121444	0612132-04	06121445	0612132-05
Lab Name:	AML	AML	CAS	AML	CAS	AML
Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
Field QC:	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units					
Isopropylbenzene	ug/l		0.5 U		0.5 U	
Methyl tert butyl ether	ug/l		5 U		5 U	
Methylene chloride	ug/l		0.5 U		0.5 U	
Methyliodide	ug/l		5 U		5 U	
m,p-Xylene	ug/l		0.5 U		0.5 U	
Naphthalene	ug/l		0.5 U		0.5 U	
n-Butylbenzene	ug/l		0.5 UJ		0.5 UJ	
n-Propylbenzene	ug/l		0.5 U		0.5 U	
o-Xylene	ug/l		0.5 U		0.5 U	
sec-Butylbenzene	ug/l		0.5 U		0.5 U	
Styrene	ug/l		0.5 U		0.5 U	
tert-Butylbenzene	ug/l		0.5 U		0.5 U	
Tetrachloroethene	ug/l		0.5 U		0.5 U	
Toluene	ug/l		0.5 U		0.5 U	
trans-1,2-Dichloroethene	ug/l		0.5 U		0.5 U	
trans-1,3-Dichloropropene	ug/l		1 U		1 U	
trans-1,4-Dichloro-2-butene	ug/l		5 U		5 U	
Trichloroethene	ug/l		0.5 U		0.5 U	
Trichlorofluoromethane	ug/l		1 U		1 U	
Vinyl acetate	ug/l		25 U		25 U	
Vinyl chloride	ug/l		0.5 U		0.5 U	
Explosives	Units					
1,3-Dinitrobenzene	ug/l	0.077 U	0.079 U	0.079 U		0.079 U
1,3,5-Trinitrobenzene	ug/l	0.077 U	0.079 U	0.079 U		0.079 U
2-Amino-4,6-Dinitrotoluene	ug/l	0.077 U	0.079 U	0.079 U		0.079 U

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-051A	WSW-051A	WSW-052B	WSW-052B	WSW-063	WSW-063
	Field Sample ID:	051A-122006	251A-122006	052B-122006	052B-122006	063-122006	063-122006
	Lab Sample ID:	0612132-03	0612132-09	06121444	0612132-04	06121445	0612132-05
	Lab Name:	AML	AML	CAS	AML	CAS	AML
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	Units						
2-Nitrotoluene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
2,4-Dinitrotoluene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
2,4,6-Trinitrotoluene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
2,6-Dinitrotoluene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
3-Nitrotoluene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
4-Amino-2,6-Dinitrotoluene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
4-Nitrotoluene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
HMX	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
Nitrobenzene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
RDX	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
Tetryl	ug/l	0.077 U	0.079 U		0.079 U		0.079 U

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-064	WSW-064	WSW-080	WSW-080	WSW-081	WSW-081
	Field Sample ID:	064-122006	064-122006	080-122006	080-122006	081-122006	081-122006
	Lab Sample ID:	06121446	0612132-06	06121447	0612132-07	06121448	0612132-08
	Lab Name:	CAS	AML	CAS	AML	CAS	AML
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
Hexane	ug/l	5 UJ		5 U		5 UJ	
p-Isopropyltoluene	ug/l	0.5 U		0.5 U		0.5 U	
1,1-Dichloroethane	ug/l	0.5 U		0.5 U		0.5 U	
1,1-Dichloroethene	ug/l	0.5 U		0.5 U		0.5 U	
1,1-Dichloropropene	ug/l	0.5 U		0.5 U		0.5 U	
1,1,1-Trichloroethane	ug/l	0.5 U		0.5 U		0.5 U	
1,1,1,2-Tetrachloroethane	ug/l	0.5 U		0.5 U		0.5 U	
1,1,2,2-Tetrachloroethane	ug/l	0.5 U		0.5 U		0.5 U	
1,1,2-Trichloroethane	ug/l	0.5 U		0.5 U		0.5 U	
1,1,2-Trichlorotrifluoroethane	ug/l	5 U		5 U		5 U	
1,2-Dibromo-3-chloropropane	ug/l	10 U		10 U		10 U	
1,2-Dibromoethane	ug/l	0.5 U		0.5 U		0.5 U	
1,2-Dichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	
1,2-Dichloroethane	ug/l	0.5 U		0.5 U		0.5 U	
1,2-Dichloropropane	ug/l	0.5 U		0.5 U		0.5 U	
1,2,3-Trichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	
1,2,3-Trichloropropane	ug/l	0.5 U		0.5 U		0.5 U	
1,2,4-Trichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	
1,2,4-Trimethylbenzene	ug/l	0.5 U		0.5 U		0.5 U	
1,3-Dichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	
1,3-Dichloropropane	ug/l	0.5 U		0.5 U		0.5 U	
1,3,5-Trimethylbenzene	ug/l	0.5 UJ		0.5 U		0.5 UJ	
1,4-Dichlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	
2-Butanone	ug/l	25 U		25 U		25 U	
2-Chloroethyl vinyl ether	ug/l	5 U		5 U		5 U	
2-Chlorotoluene	ug/l	0.5 U		0.5 U		0.5 U	

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-064	WSW-064	WSW-080	WSW-080	WSW-081	WSW-081
	Field Sample ID:	064-122006	064-122006	080-122006	080-122006	081-122006	081-122006
	Lab Sample ID:	06121446	0612132-06	06121447	0612132-07	06121448	0612132-08
	Lab Name:	CAS	AML	CAS	AML	CAS	AML
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
2-Hexanone	ug/l	25 U		25 U		25 U	
2,2-Dichloropropane	ug/l	0.5 U		0.5 U		0.5 U	
4-Chlorotoluene	ug/l	0.5 U		0.5 U		0.5 U	
4-Methyl-2-pentanone	ug/l	25 U		25 U		25 U	
Acetone	ug/l	25 U		25 U		25 U	
Acrolein	ug/l	25 U		25 U		25 U	
Acrylonitrile	ug/l	25 U		25 U		25 U	
Benzene	ug/l	0.5 U		0.5 U		0.5 U	
Bromobenzene	ug/l	0.5 U		0.5 U		0.5 U	
Bromochloromethane	ug/l	1 U		1 U		1 U	
Bromodichloromethane	ug/l	0.5 U		0.5 U		0.5 U	
Bromoform	ug/l	1 U		1 U		1 U	
Bromomethane	ug/l	1 U		1 U		1 U	
Carbon disulfide	ug/l	5 U		5 U		5 U	
Carbon tetrachloride	ug/l	0.5 U		0.5 U		0.5 U	
Chlorobenzene	ug/l	0.5 U		0.5 U		0.5 U	
Chloroethane	ug/l	0.5 U		0.5 U		0.5 U	
Chloroform	ug/l	0.5 U		0.5 U		0.5 U	
Chloromethane	ug/l	0.5 U		0.5 U		0.5 U	
cis-1,2-Dichloroethene	ug/l	0.5 U		0.5 U		0.5 U	
cis-1,3-Dichloropropene	ug/l	0.5 U		0.5 U		0.5 U	
Dibromochloromethane	ug/l	0.5 U		0.5 U		0.5 U	
Dibromomethane	ug/l	0.5 U		0.5 U		0.5 U	
Dichlorodifluoromethane	ug/l	2 U		2 U		2 U	
Ethylbenzene	ug/l	0.5 U		0.5 U		0.5 U	
Hexachlorobutadiene	ug/l	0.5 U		0.5 U		0.5 U	

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

Station ID:	WSW-064	WSW-064	WSW-080	WSW-080	WSW-081	WSW-081
Field Sample ID:	064-122006	064-122006	080-122006	080-122006	081-122006	081-122006
Lab Sample ID:	06121446	0612132-06	06121447	0612132-07	06121448	0612132-08
Lab Name:	CAS	AML	CAS	AML	CAS	AML
Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
Field QC:	Original Sample					
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units					
Isopropylbenzene	ug/l	0.5 U	0.5 U		0.5 U	
Methyl tert butyl ether	ug/l	5 U	5 U		5 U	
Methylene chloride	ug/l	0.5 U	0.5 U		0.5 U	
Methyliodide	ug/l	5 U	5 U		5 U	
m,p-Xylene	ug/l	0.5 U	0.5 U		0.5 U	
Naphthalene	ug/l	0.5 U	0.5 U		0.5 U	
n-Butylbenzene	ug/l	0.5 UJ	0.5 U		0.5 UJ	
n-Propylbenzene	ug/l	0.5 U	0.5 U		0.5 U	
o-Xylene	ug/l	0.5 U	0.5 U		0.5 U	
sec-Butylbenzene	ug/l	0.5 U	0.5 U		0.5 U	
Styrene	ug/l	0.5 U	0.5 U		0.5 U	
tert-Butylbenzene	ug/l	0.5 U	0.5 U		0.5 U	
Tetrachloroethene	ug/l	0.5 U	0.5 U		0.5 U	
Toluene	ug/l	0.5 U	0.5 U		0.5 U	
trans-1,2-Dichloroethene	ug/l	0.5 U	0.5 U		0.5 U	
trans-1,3-Dichloropropene	ug/l	1 U	1 U		1 U	
trans-1,4-Dichloro-2-butene	ug/l	5 U	5 U		5 U	
Trichloroethene	ug/l	0.5 U	0.5 U		0.5 U	
Trichlorofluoromethane	ug/l	1 U	1 U		1 U	
Vinyl acetate	ug/l	25 U	25 U		25 U	
Vinyl chloride	ug/l	0.5 U	0.5 U		0.5 U	
Explosives	Units					
1,3-Dinitrobenzene	ug/l	0.079 U	0.077 U		0.078 U	
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.077 U		0.078 U	
2-Amino-4,6-Dinitrotoluene	ug/l	0.079 U	0.077 U		0.078 U	

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-064	WSW-064	WSW-080	WSW-080	WSW-081	WSW-081
	Field Sample ID:	064-122006	064-122006	080-122006	080-122006	081-122006	081-122006
	Lab Sample ID:	06121446	0612132-06	06121447	0612132-07	06121448	0612132-08
	Lab Name:	CAS	AML	CAS	AML	CAS	AML
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	Units						
2-Nitrotoluene	ug/l		0.079 U		0.077 U		0.078 U
2,4-Dinitrotoluene	ug/l		0.079 U		0.077 U		0.078 U
2,4,6-Trinitrotoluene	ug/l		0.079 U		0.077 U		0.078 U
2,6-Dinitrotoluene	ug/l		0.079 U		0.077 U		0.078 U
3-Nitrotoluene	ug/l		0.079 U		0.077 U		0.078 U
4-Amino-2,6-Dinitrotoluene	ug/l		0.079 U		0.077 U		0.078 U
4-Nitrotoluene	ug/l		0.079 U		0.077 U		0.078 U
HMX	ug/l		0.079 U		0.077 U		0.078 U
Nitrobenzene	ug/l		0.079 U		0.077 U		0.078 U
RDX	ug/l		0.079 U		0.077 U		0.078 U
Tetryl	ug/l		0.079 U		0.077 U		0.078 U

WSW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

ug/l = micrograms per liter

AML = Analytical Management Laboratories

CAS= Continental Analytica Services, Inc

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

WSW-2

Results - Contaminants of Concern - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-050B	WSW-050B	WSW-051	WSW-051	WSW-051A	WSW-051A
	Field Sample ID:	050B-122006	050B-122006	051-122006	051-122006	051A-122006	251A-122006
	Lab Sample ID:	06121441	0612132-01	06121442	0612132-02	06121443	06121449
	Lab Name:	CAS	AML	CAS	AML	CAS	CAS
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample	Field Duplicate				
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
1,2-Dichloropropane	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Methylene chloride	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Trichloroethene	ug/l	0.5 U		0.5 U		0.5 U	0.5 U
Explosives	Units						
1,3,5-Trinitrobenzene	ug/l		0.077 U		0.078 U		
2,4-Dinitrotoluene	ug/l		0.077 U		0.078 U		
2,4,6-Trinitrotoluene	ug/l		0.077 U		0.078 U		
RDX	ug/l		0.077 U		0.078 U		

WSW-2

Results - Contaminants of Concern - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	Station ID:	WSW-051A	WSW-051A	WSW-052B	WSW-052B	WSW-063	WSW-063
	Field Sample ID:	051A-122006	251A-122006	052B-122006	052B-122006	063-122006	063-122006
	Lab Sample ID:	0612132-03	0612132-09	06121444	0612132-04	06121445	0612132-05
	Lab Name:	AML	AML	CAS	AML	CAS	AML
	Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
	Field QC:	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	Original Sample
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
1,2-Dichloropropane	ug/l			0.5 U		0.5 U	
Methylene chloride	ug/l			0.5 U		0.5 U	
Trichloroethene	ug/l			0.5 U		0.5 U	
Explosives	Units						
1,3,5-Trinitrobenzene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
2,4-Dinitrotoluene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
2,4,6-Trinitrotoluene	ug/l	0.077 U	0.079 U		0.079 U		0.079 U
RDX	ug/l	0.077 U	0.079 U		0.079 U		0.079 U

WSW-2

Results - Contaminants of Concern - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Water Supply Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Water Supply Wells

	WSW-064	WSW-064	WSW-080	WSW-080	WSW-081	WSW-081
Field Sample ID:	064-122006	064-122006	080-122006	080-122006	081-122006	081-122006
Lab Sample ID:	06121446	0612132-06	06121447	0612132-07	06121448	0612132-08
Lab Name:	CAS	AML	CAS	AML	CAS	AML
Sample Date:	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006	12/17/2006
Field QC:	Original Sample					
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1

VOCs	Units				
1,2-Dichloropropane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/l	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U
Explosives	Units				
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.077 U	0.078 U	0.078 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.077 U	0.078 U	0.078 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.077 U	0.078 U	0.078 U
RDX	ug/l	0.079 U	0.077 U	0.078 U	0.078 U

WSW-2

Results - Contaminants of Concern - Volatile Organic Compounds and Explosive Compounds Fourth Quarter 2006 Water Supply Well Sampling Event Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

ug/l = micrograms per liter

AML = Analytical Management Laboratories

CAS= Continental Analytica Services, Inc

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

MW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-41A	MW-41B	MW-41D	MW-79A	MW-79B	MW-79B
Field Sample ID:	AMW-041-122006	BMW-041-122006	DMW-041-122006	AMW-079-122006	BMW-079-122006	BMW-279-122006
Lab Sample ID:	0612038-16	0612038-15	0612038-14	0612029-08	0612029-06	0612029-07
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/4/2006
Field QC:	Original Sample	Field Duplicate				
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units					
1,1-Dichloroethane	ug/l	0.214 U				
1,1-Dichloroethene	ug/l	0.183 U				
1,1-Dichloropropene	ug/l	0.1 U				
1,1,1-Trichloroethane	ug/l	0.18 U				
1,1,1,2-Tetrachloroethane	ug/l	0.222 U				
1,1,2,2-Tetrachloroethane	ug/l	0.1 U				
1,1,2-Trichloroethane	ug/l	0.143 U				
1,2-Dibromo-3-chloropropane	ug/l	0.133 U				
1,2-Dibromoethane	ug/l	0.117 U				
1,2-Dichlorobenzene	ug/l	0.141 U				
1,2-Dichloroethane	ug/l	0.182 U				
1,2-Dichloropropane	ug/l	0.119 U				
1,2,3-Trichlorobenzene	ug/l	0.142 U				
1,2,3-Trichloropropane	ug/l	0.107 U				
1,2,4-Trichlorobenzene	ug/l	0.108 U				
1,2,4-Trimethylbenzene	ug/l	0.111 U				
1,3-Dichlorobenzene	ug/l	0.189 U				
1,3-Dichloropropane	ug/l	0.107 U				
1,3,5-Trimethylbenzene	ug/l	0.113 U				
1,4-Dichlorobenzene	ug/l	0.15 U				
2-Butanone	ug/l	0.481 U				
2-Chlorotoluene	ug/l	0.106 U				
2-Hexanone	ug/l	0.163 U				
2,2-Dichloropropane	ug/l	0.108 U				
4-Chlorotoluene	ug/l	0.1 U				
4-Isopropyltoluene	ug/l	0.1 U				

MW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-41A	MW-41B	MW-41D	MW-79A	MW-79B	MW-79B
	Field Sample ID:	AMW-041-122006	BMW-041-122006	DMW-041-122006	AMW-079-122006	BMW-079-122006	BMW-279-122006
	Lab Sample ID:	0612038-16	0612038-15	0612038-14	0612029-08	0612029-06	0612029-07
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/4/2006
	Field QC:	Original Sample	Field Duplicate				
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
4-Methyl-2-pentanone	ug/l	0.128 U					
Acetone	ug/l	0.612 U					
Acrolein	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
Acrylonitrile	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	ug/l	0.139 U					
Bromobenzene	ug/l	0.156 U					
Bromochloromethane	ug/l	0.165 U					
Bromodichloromethane	ug/l	0.135 U					
Bromoform	ug/l	0.163 U					
Bromomethane	ug/l	0.201 U					
Carbon disulfide	ug/l	0.183 U					
Carbon tetrachloride	ug/l	0.137 U					
Chlorobenzene	ug/l	0.156 U					
Chloroethane	ug/l	0.207 U					
Chloroform	ug/l	0.214 U					
Chloromethane	ug/l	0.173 U					
cis-1,2-Dichloroethene	ug/l	0.151 U					
cis-1,3-Dichloropropene	ug/l	0.1 U					
Dibromochloromethane	ug/l	0.133 U					
Dibromomethane	ug/l	0.1 U					
Dichlorodifluoromethane	ug/l	0.5 U					
Diisopropyl Ether	ug/l	0.5 U					
Ethylbenzene	ug/l	0.1 U					
Hexachlorobutadiene	ug/l	0.192 U					
Isopropylbenzene	ug/l	0.1 U					
Methyl tert butyl ether	ug/l	0.1 U					

MW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-41A	MW-41B	MW-41D	MW-79A	MW-79B	MW-79B
Field Sample ID:	AMW-041-122006	BMW-041-122006	DMW-041-122006	AMW-079-122006	BMW-079-122006	BMW-279-122006
Lab Sample ID:	0612038-16	0612038-15	0612038-14	0612029-08	0612029-06	0612029-07
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/4/2006
Field QC:	Original Sample	Field Duplicate				
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units					
Methylene chloride	ug/l	0.398 U				
m,p-Xylene	ug/l	0.216 U				
Naphthalene	ug/l	0.139 U				
n-Butylbenzene	ug/l	0.14 U				
n-Propylbenzene	ug/l	0.1 U				
o-Xylene	ug/l	0.102 U				
sec-Butylbenzene	ug/l	0.133 U				
Styrene	ug/l	0.1 U				
tert-Butylbenzene	ug/l	0.17 U				
Tetrachloroethene	ug/l	0.115 U				
Toluene	ug/l	0.105 U				
trans-1,2-Dichloroethene	ug/l	0.152 U				
trans-1,3-Dichloropropene	ug/l	0.1 U				
Trichloroethene	ug/l	0.151 U				
Trichlorofluoromethane	ug/l	0.111 U				
Vinyl acetate	ug/l	0.15 U				
Vinyl chloride	ug/l	0.239 U				
Explosives	Units					
1,3-Dinitrobenzene	ug/l			0.079 U	0.079 U	0.079 U
1,3,5-Trinitrobenzene	ug/l			0.079 U	0.079 U	0.079 U
2-Amino-4,6-Dinitrotoluene	ug/l			0.079 U	0.079 U	0.079 U
2-Nitrotoluene	ug/l			0.079 U	0.079 U	0.079 U
2,4-Dinitrotoluene	ug/l			0.079 U	0.079 U	0.079 U
2,4,6-Trinitrotoluene	ug/l			0.079 U	0.079 U	0.079 U
2,6-Dinitrotoluene	ug/l			0.079 U	0.079 U	0.079 U

MW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-41A	MW-41B	MW-41D	MW-79A	MW-79B	MW-79B
Field Sample ID:	AMW-041-122006	BMW-041-122006	DMW-041-122006	AMW-079-122006	BMW-079-122006	BMW-279-122006
Lab Sample ID:	0612038-16	0612038-15	0612038-14	0612029-08	0612029-06	0612029-07
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/4/2006
Field QC:	Original Sample	Field Duplicate				
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	Units					
3-Nitrotoluene	ug/l			0.079 U	0.079 U	0.079 U
4-Amino-2,6-Dinitrotoluene	ug/l			0.079 U	0.079 U	0.079 U
4-Nitrotoluene	ug/l			0.079 U	0.079 U	0.079 U
HMX	ug/l			0.079 U	0.079 U	0.079 U
Nitrobenzene	ug/l			0.079 U	0.079 U	0.079 U
RDX	ug/l			0.079 U	0.079 U	0.079 U
Tetryl	ug/l			0.079 U	0.079 U	0.079 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-80A	MW-80B	MW-80B	MW-80D	MW-81A	MW-81B
Field Sample ID:	AMW-080-122006	BMW-080-122006	BMW-280-122006	DMW-080-122006	AMW-081-122006	BMW-081-122006	
Lab Sample ID:	0612029-11	0612029-09	0612029-10	0612029-12	0612029-03	0612029-01	
Lab Name:	AML	AML	AML	AML	AML	AML	
Sample Date:	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006	
Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1	
VOCs	Units						
1,1-Dichloroethane	ug/l	0.214 U	0.214 U				
1,1-Dichloroethene	ug/l	0.183 U	0.183 U				
1,1-Dichloropropene	ug/l	0.1 U	0.1 U				
1,1,1-Trichloroethane	ug/l	0.18 U	0.18 U				
1,1,1,2-Tetrachloroethane	ug/l	0.222 U	0.222 U				
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	0.1 U				
1,1,2-Trichloroethane	ug/l	0.143 U	0.143 U				
1,2-Dibromo-3-chloropropane	ug/l	0.133 U	0.133 U				
1,2-Dibromoethane	ug/l	0.117 U	0.117 U				
1,2-Dichlorobenzene	ug/l	0.141 U	0.141 U				
1,2-Dichloroethane	ug/l	0.182 U	0.182 U				
1,2-Dichloropropane	ug/l	0.119 U	0.119 U				
1,2,3-Trichlorobenzene	ug/l	0.142 U	0.142 U				
1,2,3-Trichloropropane	ug/l	0.107 U	0.107 U				
1,2,4-Trichlorobenzene	ug/l	0.108 U	0.108 U				
1,2,4-Trimethylbenzene	ug/l	0.111 U	0.111 U				
1,3-Dichlorobenzene	ug/l	0.189 U	0.189 U				
1,3-Dichloropropane	ug/l	0.107 U	0.107 U				
1,3,5-Trimethylbenzene	ug/l	0.113 U	0.113 U				
1,4-Dichlorobenzene	ug/l	0.15 U	0.15 U				
2-Butanone	ug/l	0.481 U	0.481 U				
2-Chlorotoluene	ug/l	0.106 U	0.106 U				
2-Hexanone	ug/l	0.163 U	0.163 U				
2,2-Dichloropropane	ug/l	0.108 U	0.108 U				
4-Chlorotoluene	ug/l	0.1 U	0.1 U				
4-Isopropyltoluene	ug/l	0.1 U	0.1 U				

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-80A	MW-80B	MW-80B	MW-80D	MW-81A	MW-81B
	Field Sample ID:	AMW-080-122006	BMW-080-122006	BMW-280-122006	DMW-080-122006	AMW-081-122006	BMW-081-122006
	Lab Sample ID:	0612029-11	0612029-09	0612029-10	0612029-12	0612029-03	0612029-01
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006
	Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
4-Methyl-2-pentanone	ug/l	0.128 U					
Acetone	ug/l	0.612 U					
Acrolein	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
Acrylonitrile	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	ug/l	0.139 U					
Bromobenzene	ug/l	0.156 U					
Bromochloromethane	ug/l	0.165 U					
Bromodichloromethane	ug/l	0.135 U					
Bromoform	ug/l	0.163 U					
Bromomethane	ug/l	0.201 U					
Carbon disulfide	ug/l	0.183 U					
Carbon tetrachloride	ug/l	0.137 U					
Chlorobenzene	ug/l	0.156 U					
Chloroethane	ug/l	0.207 U					
Chloroform	ug/l	0.214 U					
Chloromethane	ug/l	0.173 U					
cis-1,2-Dichloroethene	ug/l	0.151 U					
cis-1,3-Dichloropropene	ug/l	0.1 U					
Dibromochloromethane	ug/l	0.133 U					
Dibromomethane	ug/l	0.1 U					
Dichlorodifluoromethane	ug/l	0.5 U					
Diisopropyl Ether	ug/l	0.5 U					
Ethylbenzene	ug/l	0.1 U					
Hexachlorobutadiene	ug/l	0.192 U					
Isopropylbenzene	ug/l	0.1 U					
Methyl tert butyl ether	ug/l	0.1 U					

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-80A	MW-80B	MW-80B	MW-80D	MW-81A	MW-81B
Field Sample ID:	AMW-080-122006	BMW-080-122006	BMW-280-122006	DMW-080-122006	AMW-081-122006	BMW-081-122006
Lab Sample ID:	0612029-11	0612029-09	0612029-10	0612029-12	0612029-03	0612029-01
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006
Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units					
Methylene chloride	ug/l	0.398 U				
m,p-Xylene	ug/l	0.216 U				
Naphthalene	ug/l	0.139 U				
n-Butylbenzene	ug/l	0.14 U				
n-Propylbenzene	ug/l	0.1 U				
o-Xylene	ug/l	0.102 U				
sec-Butylbenzene	ug/l	0.133 U				
Styrene	ug/l	0.1 U				
tert-Butylbenzene	ug/l	0.17 U				
Tetrachloroethene	ug/l	0.115 U				
Toluene	ug/l	0.105 U				
trans-1,2-Dichloroethene	ug/l	0.152 U				
trans-1,3-Dichloropropene	ug/l	0.1 U				
Trichloroethene	ug/l	0.930 J	7.54	8.13	0.151 U	0.151 U
Trichlorofluoromethane	ug/l	0.111 U				
Vinyl acetate	ug/l	0.15 U				
Vinyl chloride	ug/l	0.239 U				
Explosives	Units					
1,3-Dinitrobenzene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
2-Amino-4,6-Dinitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
2-Nitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
2,6-Dinitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-80A	MW-80B	MW-80B	MW-80D	MW-81A	MW-81B
Field Sample ID:	AMW-080-122006	BMW-080-122006	BMW-280-122006	DMW-080-122006	AMW-081-122006	BMW-081-122006	
Lab Sample ID:	0612029-11	0612029-09	0612029-10	0612029-12	0612029-03	0612029-01	
Lab Name:	AML	AML	AML	AML	AML	AML	
Sample Date:	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006	
Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample	
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1	
Explosives	Units						
3-Nitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
4-Amino-2,6-Dinitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
4-Nitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
HMX	ug/l	0.079 U	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
Nitrobenzene	ug/l	0.079 U	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
RDX	ug/l	0.079 U	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
Tetryl	ug/l	0.079 U	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-81D	MW-89A	MW-89A	MW-89B	MW-89D	MW-90A
	Field Sample ID:	DMW-081-122006	AMW-089-122006	AMW-089-122006	BMW-089-122006	DMW-089-122006	AMW-290-122006
	Lab Sample ID:	0612029-02	0612038-05	0612038-05RE1	0612038-06	0612038-04	0612038-08
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/4/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006
	Field QC:	Original Sample	Field Duplicate				
	Analysis Information:	I 1	I 1	RE 1	I 1	I 1	I 1
VOCs	Units						
1,1-Dichloroethane	ug/l	0.214 U	0.214 UJ	0.214 U	0.214 U	0.214 U	0.214 U
1,1-Dichloroethene	ug/l	0.183 U	0.183 UJ	0.183 U	0.183 U	0.183 U	0.183 U
1,1-Dichloropropene	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-Trichloroethane	ug/l	0.18 U	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1,2-Tetrachloroethane	ug/l	0.222 U	0.222 UJ	0.222 U	0.222 U	0.222 U	0.222 U
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-Trichloroethane	ug/l	0.143 U	0.143 UJ	0.143 U	0.143 U	0.143 U	0.143 U
1,2-Dibromo-3-chloropropane	ug/l	0.133 U	0.133 UJ	0.133 U	0.133 U	0.133 U	0.133 U
1,2-Dibromoethane	ug/l	0.117 U	0.117 UJ	0.117 U	0.117 U	0.117 U	0.117 U
1,2-Dichlorobenzene	ug/l	0.141 U	0.141 UJ	0.141 U	0.141 U	0.141 U	0.141 U
1,2-Dichloroethane	ug/l	0.182 U	0.182 UJ	0.182 U	0.182 U	0.182 U	0.182 U
1,2-Dichloropropane	ug/l	0.119 U	0.119 UJ	0.119 U	0.119 U	0.119 U	0.119 U
1,2,3-Trichlorobenzene	ug/l	0.142 U	0.142 UJ	0.142 U	0.142 U	0.142 U	0.142 U
1,2,3-Trichloropropane	ug/l	0.107 U	0.107 UJ	0.107 U	0.107 U	0.107 U	0.107 U
1,2,4-Trichlorobenzene	ug/l	0.108 U	0.108 UJ	0.108 U	0.108 U	0.108 U	0.108 U
1,2,4-Trimethylbenzene	ug/l	0.111 U	0.111 UJ	0.111 UJ	0.111 U	0.111 U	0.111 U
1,3-Dichlorobenzene	ug/l	0.189 U	0.189 UJ	0.189 U	0.189 U	0.189 U	0.189 U
1,3-Dichloropropane	ug/l	0.107 U	0.107 UJ	0.107 U	0.107 U	0.107 U	0.107 U
1,3,5-Trimethylbenzene	ug/l	0.113 U	0.113 UJ	0.113 U	0.113 U	0.113 U	0.113 U
1,4-Dichlorobenzene	ug/l	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U
2-Butanone	ug/l	0.481 U	0.481 UJ	0.481 U	0.481 U	0.481 U	0.481 U
2-Chlorotoluene	ug/l	0.106 U	0.106 UJ	0.106 U	0.106 U	0.106 U	0.106 U
2-Hexanone	ug/l	0.163 U	0.163 UJ	0.163 U	0.163 U	0.163 U	0.163 U
2,2-Dichloropropane	ug/l	0.108 U	0.108 UJ	0.108 UJ	0.108 U	0.108 U	0.108 U
4-Chlorotoluene	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
4-Isopropyltoluene	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-81D	MW-89A	MW-89A	MW-89B	MW-89D	MW-90A
Field Sample ID:	DMW-081-122006	AMW-089-122006	AMW-089-122006	BMW-089-122006	DMW-089-122006	AMW-290-122006
Lab Sample ID:	0612029-02	0612038-05	0612038-05RE1	0612038-06	0612038-04	0612038-08
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/4/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006
Field QC:	Original Sample	Field Duplicate				
Analysis Information:	I 1	I 1	RE 1	I 1	I 1	I 1
VOCs	Units					
4-Methyl-2-pentanone	ug/l	0.128 U	0.128 UJ	0.128 U	0.128 U	0.128 U
Acetone	ug/l	0.612 U	0.612 UJ	2 U	0.612 U	0.612 U
Acrolein	ug/l	2 U	2 UJ	2 U	2 U	2 U
Acrylonitrile	ug/l	2 U	2 UJ	2 U	2 U	2 U
Benzene	ug/l	0.139 U	0.139 UJ	0.139 U	0.139 U	0.139 U
Bromobenzene	ug/l	0.156 U	0.156 UJ	0.156 U	0.156 U	0.156 U
Bromochloromethane	ug/l	0.165 U	0.165 UJ	0.165 U	0.165 U	0.165 U
Bromodichloromethane	ug/l	0.135 U	0.135 UJ	0.135 U	0.135 U	0.135 U
Bromoform	ug/l	0.163 U	0.163 UJ	0.163 U	0.163 U	0.163 U
Bromomethane	ug/l	0.201 U	0.201 UJ	0.201 U	0.201 U	0.201 U
Carbon disulfide	ug/l	0.183 U	0.183 UJ	0.183 U	0.183 U	0.183 U
Carbon tetrachloride	ug/l	0.137 U	0.137 UJ	0.137 U	0.137 U	0.137 U
Chlorobenzene	ug/l	0.156 U	0.156 UJ	0.156 U	0.156 U	0.156 U
Chloroethane	ug/l	0.207 U	0.207 UJ	0.207 U	0.207 U	0.207 U
Chloroform	ug/l	0.214 U	0.214 UJ	0.214 U	0.214 U	0.214 U
Chloromethane	ug/l	0.173 U	0.173 UJ	0.173 U	0.173 U	0.173 U
cis-1,2-Dichloroethene	ug/l	0.151 U	0.151 UJ	0.151 U	0.151 U	0.151 U
cis-1,3-Dichloropropene	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Dibromochloromethane	ug/l	0.133 U	0.133 UJ	0.133 U	0.133 U	0.133 U
Dibromomethane	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Dichlorodifluoromethane	ug/l	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
Diisopropyl Ether	ug/l	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Hexachlorobutadiene	ug/l	0.192 U	0.192 UJ	0.192 U	0.192 U	0.192 U
Isopropylbenzene	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Methyl tert butyl ether	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-81D	MW-89A	MW-89A	MW-89B	MW-89D	MW-90A
Field Sample ID:	DMW-081-122006	AMW-089-122006	AMW-089-122006	BMW-089-122006	DMW-089-122006	AMW-290-122006
Lab Sample ID:	0612029-02	0612038-05	0612038-05RE1	0612038-06	0612038-04	0612038-08
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/4/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006
Field QC:	Original Sample	Field Duplicate				
Analysis Information:	I 1	I 1	RE 1	I 1	I 1	I 1
VOCs	Units					
Methylene chloride	ug/l	0.398 U	0.398 UJ	0.398 U	0.398 U	0.398 U
m,p-Xylene	ug/l	0.216 U	0.216 UJ	0.216 U	0.216 U	0.216 U
Naphthalene	ug/l	0.139 U	0.139 UJ	0.139 U	0.139 U	0.139 U
n-Butylbenzene	ug/l	0.14 U	0.14 UJ	0.14 U	0.14 U	0.14 U
n-Propylbenzene	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
o-Xylene	ug/l	0.102 U	0.102 UJ	0.102 U	0.102 U	0.102 U
sec-Butylbenzene	ug/l	0.133 U	0.133 UJ	0.133 U	0.133 U	0.133 U
Styrene	ug/l	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U
tert-Butylbenzene	ug/l	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U
Tetrachloroethene	ug/l	0.115 U	0.115 UJ	0.115 U	0.115 U	0.115 U
Toluene	ug/l	0.105 U	0.105 UJ	0.105 U	0.105 U	0.105 U
trans-1,2-Dichloroethene	ug/l	0.152 U	0.152 UJ	0.152 U	0.152 U	0.152 U
trans-1,3-Dichloropropene	ug/l	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Trichloroethene	ug/l	0.151 U	0.151 UJ	0.151 U	1.04 J	0.151 U
Trichlorofluoromethane	ug/l	0.111 U	0.111 UJ	0.111 U	0.111 U	0.111 U
Vinyl acetate	ug/l	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U
Vinyl chloride	ug/l	0.239 U	0.239 UJ	0.239 U	0.239 U	0.239 U
Explosives	Units					
1,3-Dinitrobenzene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
2-Amino-4,6-Dinitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
2-Nitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
2,6-Dinitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-81D	MW-89A	MW-89A	MW-89B	MW-89D	MW-90A
Field Sample ID:	DMW-081-122006	AMW-089-122006	AMW-089-122006	BMW-089-122006	DMW-089-122006	AMW-290-122006
Lab Sample ID:	0612029-02	0612038-05	0612038-05RE1	0612038-06	0612038-04	0612038-08
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/4/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006
Field QC:	Original Sample	Field Duplicate				
Analysis Information:	I 1	I 1	RE 1	I 1	I 1	I 1
Explosives	Units					
3-Nitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
4-Amino-2,6-Dinitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
4-Nitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
HMX	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
Nitrobenzene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
RDX	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
Tetryl	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-90A	MW-90B	MW-90B	MW-90D	MW-91A	MW-91A
	Field Sample ID:	AMW-090-122006	BMW-090-122006	BMW-090-122006	DMW-090-122006	AMW-091-122006	AMW-091-122006
	Lab Sample ID:	0612038-09	0612038-10	0612038-10RE1	0612038-07	0612038-12	0612038-12RE1
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/6/2006	12/6/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	DL 5	I 1	I 1	RE 1
VOCs	Units						
1,1-Dichloroethane	ug/l	0.214 U	0.214 U	1.07 UJ	0.214 U	0.214 UJ	0.214 U
1,1-Dichloroethene	ug/l	0.183 U	0.183 U	0.915 UJ	0.183 U	0.183 UJ	0.183 U
1,1-Dichloropropene	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ	0.1 U
1,1,1-Trichloroethane	ug/l	0.18 U	0.18 U	0.9 UJ	0.18 U	0.18 UJ	0.18 U
1,1,1,2-Tetrachloroethane	ug/l	0.222 U	0.222 U	1.11 UJ	0.222 U	0.222 UJ	0.222 U
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ	0.1 U
1,1,2-Trichloroethane	ug/l	0.143 U	0.143 U	0.715 UJ	0.143 U	0.143 UJ	0.143 U
1,2-Dibromo-3-chloropropane	ug/l	0.133 U	0.133 U	0.665 UJ	0.133 U	0.133 UJ	0.133 U
1,2-Dibromoethane	ug/l	0.117 U	0.117 U	0.585 UJ	0.117 U	0.117 UJ	0.117 U
1,2-Dichlorobenzene	ug/l	0.141 U	0.141 U	0.705 UJ	0.141 U	0.141 UJ	0.141 U
1,2-Dichloroethane	ug/l	0.182 U	0.182 U	0.91 UJ	0.182 U	0.182 UJ	0.182 U
1,2-Dichloropropane	ug/l	0.119 U	0.119 U	0.595 UJ	0.119 U	0.119 UJ	0.119 U
1,2,3-Trichlorobenzene	ug/l	0.142 U	0.142 U	0.71 UJ	0.142 U	0.142 UJ	0.142 U
1,2,3-Trichloropropane	ug/l	0.107 U	0.107 U	0.535 UJ	0.107 U	0.107 UJ	0.107 U
1,2,4-Trichlorobenzene	ug/l	0.108 U	0.108 U	0.54 UJ	0.108 U	0.108 UJ	0.108 U
1,2,4-Trimethylbenzene	ug/l	0.111 U	0.111 U	0.555 UJ	0.111 U	0.111 UJ	0.111 UJ
1,3-Dichlorobenzene	ug/l	0.189 U	0.189 U	0.945 UJ	0.189 U	0.189 UJ	0.189 U
1,3-Dichloropropane	ug/l	0.107 U	0.107 U	0.535 UJ	0.107 U	0.107 UJ	0.107 U
1,3,5-Trimethylbenzene	ug/l	0.113 U	0.113 U	0.565 UJ	0.113 U	0.113 UJ	0.113 U
1,4-Dichlorobenzene	ug/l	0.15 U	0.15 U	0.75 UJ	0.15 U	0.15 UJ	0.15 U
2-Butanone	ug/l	0.481 U	0.481 U	2.4 UJ	0.481 U	0.481 UJ	0.481 U
2-Chlorotoluene	ug/l	0.106 U	0.106 U	0.53 UJ	0.106 U	0.106 UJ	0.106 U
2-Hexanone	ug/l	0.163 U	0.163 U	0.815 UJ	0.163 U	0.163 UJ	0.163 U
2,2-Dichloropropane	ug/l	0.108 U	0.108 U	0.54 UJ	0.108 U	0.108 UJ	0.108 UJ
4-Chlorotoluene	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ	0.1 U
4-Isopropyltoluene	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ	0.1 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-90A	MW-90B	MW-90B	MW-90D	MW-91A	MW-91A
	Field Sample ID:	AMW-090-122006	BMW-090-122006	BMW-090-122006	DMW-090-122006	AMW-091-122006	AMW-091-122006
	Lab Sample ID:	0612038-09	0612038-10	0612038-10RE1	0612038-07	0612038-12	0612038-12RE1
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/6/2006	12/6/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	DL 5	I 1	I 1	RE 1
VOCs	Units						
4-Methyl-2-pentanone	ug/l	0.128 U	0.128 U	0.64 UJ	0.128 U	0.128 UJ	0.128 U
Acetone	ug/l	0.612 U	0.612 U	10 UJ	0.612 U	0.612 UJ	2 U
Acrolein	ug/l	2 U	2 U	10 UJ	2 U	2 UJ	2 UJ
Acrylonitrile	ug/l	2 U	2 U	10 UJ	2 U	2 UJ	2 U
Benzene	ug/l	0.139 U	0.139 U	0.695 UJ	0.139 U	0.139 UJ	0.139 U
Bromobenzene	ug/l	0.156 U	0.156 U	0.78 UJ	0.156 U	0.156 UJ	0.156 U
Bromochloromethane	ug/l	0.165 U	0.165 U	0.825 UJ	0.165 U	0.165 UJ	0.165 U
Bromodichloromethane	ug/l	0.135 U	0.135 U	0.675 UJ	0.135 U	0.135 UJ	0.135 U
Bromoform	ug/l	0.163 U	0.163 U	0.815 UJ	0.163 U	0.163 UJ	0.163 U
Bromomethane	ug/l	0.201 U	0.201 U	1 UJ	0.201 U	0.201 UJ	0.201 U
Carbon disulfide	ug/l	0.183 U	0.183 U	0.915 UJ	0.183 U	0.183 UJ	0.183 U
Carbon tetrachloride	ug/l	0.137 U	0.137 U	0.685 UJ	0.137 U	0.137 UJ	0.137 U
Chlorobenzene	ug/l	0.156 U	0.156 U	0.78 UJ	0.156 U	0.156 UJ	0.156 U
Chloroethane	ug/l	0.207 U	0.207 U	1.04 UJ	0.207 U	0.207 UJ	0.207 U
Chloroform	ug/l	0.214 U	0.214 U	1.07 UJ	0.214 U	0.214 UJ	0.214 U
Chloromethane	ug/l	0.173 U	0.173 U	0.865 UJ	0.330 J	0.173 UJ	0.173 U
cis-1,2-Dichloroethene	ug/l	0.151 U	0.151 U	0.755 UJ	0.151 U	0.151 UJ	0.151 U
cis-1,3-Dichloropropene	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ	0.1 U
Dibromochloromethane	ug/l	0.133 U	0.133 U	0.665 UJ	0.133 U	0.133 UJ	0.133 U
Dibromomethane	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ	0.1 U
Dichlorodifluoromethane	ug/l	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 UJ	0.5 U
Diisopropyl Ether	ug/l	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 UJ	0.5 U
Ethylbenzene	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ	0.1 U
Hexachlorobutadiene	ug/l	0.192 U	0.192 U	0.96 UJ	0.192 U	0.192 UJ	0.192 U
Isopropylbenzene	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ	0.1 U
Methyl tert butyl ether	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ	0.1 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:	MW-90A	MW-90B	MW-90B	MW-90D	MW-91A	MW-91A
Field Sample ID:	AMW-090-122006	BMW-090-122006	BMW-090-122006	DMW-090-122006	AMW-091-122006	AMW-091-122006
Lab Sample ID:	0612038-09	0612038-10	0612038-10RE1	0612038-07	0612038-12	0612038-12RE1
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/6/2006	12/6/2006
Field QC:	Original Sample					
Analysis Information:	I 1	I 1	DL 5	I 1	I 1	RE 1
VOCs	Units					
Methylene chloride	ug/l	0.398 U	0.398 U	1.99 UJ	0.398 U	0.398 UJ
m,p-Xylene	ug/l	0.216 U	0.216 U	1.08 UJ	0.216 U	0.216 U
Naphthalene	ug/l	0.139 U	0.139 U	0.695 UJ	0.139 U	0.139 U
n-Butylbenzene	ug/l	0.14 U	0.14 U	0.7 UJ	0.14 U	0.14 U
n-Propylbenzene	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 U
o-Xylene	ug/l	0.102 U	0.102 U	0.51 UJ	0.102 U	0.102 U
sec-Butylbenzene	ug/l	0.133 U	0.133 U	0.665 UJ	0.133 U	0.133 U
Styrene	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ
tert-Butylbenzene	ug/l	0.17 U	0.17 U	0.85 UJ	0.17 U	0.17 U
Tetrachloroethene	ug/l	0.115 U	0.115 U	0.575 UJ	0.115 U	0.115 U
Toluene	ug/l	0.105 U	0.105 U	0.525 UJ	0.105 U	0.105 U
trans-1,2-Dichloroethene	ug/l	0.152 U	0.152 U	0.76 UJ	0.152 U	0.152 U
trans-1,3-Dichloropropene	ug/l	0.1 U	0.1 U	0.5 UJ	0.1 U	0.1 UJ
Trichloroethene	ug/l	34.2	105 J	101	27.1	0.151 UJ
Trichlorofluoromethane	ug/l	0.111 U	0.111 U	0.555 UJ	0.111 U	0.111 UJ
Vinyl acetate	ug/l	0.15 U	0.15 U	0.75 UJ	0.15 U	0.15 UJ
Vinyl chloride	ug/l	0.239 U	0.239 U	1.2 UJ	0.239 U	0.239 U
Explosives	Units					
1,3-Dinitrobenzene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U
2-Amino-4,6-Dinitrotoluene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U
2-Nitrotoluene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U
2,6-Dinitrotoluene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-90A	MW-90B	MW-90B	MW-90D	MW-91A	MW-91A
Field Sample ID:	AMW-090-122006	BMW-090-122006	BMW-090-122006	DMW-090-122006	AMW-091-122006	AMW-091-122006
Lab Sample ID:	0612038-09	0612038-10	0612038-10RE1	0612038-07	0612038-12	0612038-12RE1
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/6/2006	12/6/2006
Field QC:	Original Sample					
Analysis Information:	I 1	I 1	DL 5	I 1	I 1	RE 1
Explosives	Units					
3-Nitrotoluene	ug/l	0.079 U				
4-Amino-2,6-Dinitrotoluene	ug/l	0.079 U				
4-Nitrotoluene	ug/l	0.079 U				
HMX	ug/l	0.079 U				
Nitrobenzene	ug/l	0.079 U				
RDX	ug/l	0.079 U				
Tetryl	ug/l	0.079 U				

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-91B	MW-91B	MW-91D	MW-92A	MW-92B	MW-93A
	Field Sample ID:	BMW-091-122006	BMW-091-122006	DMW-091-122006	AMW-092-122006	BMW-092-122006	AMW-093-122006
	Lab Sample ID:	0612038-11	0612038-11RE1	0612038-13	0612029-05	0612029-04	0612038-02
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/5/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	RE 1	I 1	I 1	I 1	I 1
VOCs	Units						
1,1-Dichloroethane	ug/l	0.214 UJ	0.214 U				
1,1-Dichloroethene	ug/l	0.183 UJ	0.183 U				
1,1-Dichloropropene	ug/l	0.1 UJ	0.1 U				
1,1,1-Trichloroethane	ug/l	0.18 UJ	0.18 U				
1,1,1,2-Tetrachloroethane	ug/l	0.222 UJ	0.222 U				
1,1,2,2-Tetrachloroethane	ug/l	0.1 UJ	0.1 U				
1,1,2-Trichloroethane	ug/l	0.143 UJ	0.143 U				
1,2-Dibromo-3-chloropropane	ug/l	0.133 UJ	0.133 U				
1,2-Dibromoethane	ug/l	0.117 UJ	0.117 U				
1,2-Dichlorobenzene	ug/l	0.141 UJ	0.141 U				
1,2-Dichloroethane	ug/l	0.182 UJ	0.182 U				
1,2-Dichloropropane	ug/l	0.119 UJ	0.119 U				
1,2,3-Trichlorobenzene	ug/l	0.142 UJ	0.142 U				
1,2,3-Trichloropropane	ug/l	0.107 UJ	0.107 U				
1,2,4-Trichlorobenzene	ug/l	0.108 UJ	0.108 U				
1,2,4-Trimethylbenzene	ug/l	0.111 UJ	0.111 UJ	0.111 U	0.111 U	0.111 U	0.111 U
1,3-Dichlorobenzene	ug/l	0.189 UJ	0.189 U				
1,3-Dichloropropane	ug/l	0.107 UJ	0.107 U				
1,3,5-Trimethylbenzene	ug/l	0.113 UJ	0.113 U				
1,4-Dichlorobenzene	ug/l	0.15 UJ	0.15 U				
2-Butanone	ug/l	0.481 UJ	0.481 U				
2-Chlorotoluene	ug/l	0.106 UJ	0.106 U				
2-Hexanone	ug/l	0.163 UJ	0.163 U				
2,2-Dichloropropane	ug/l	0.108 UJ	0.108 UJ	0.108 U	0.108 U	0.108 U	0.108 U
4-Chlorotoluene	ug/l	0.1 UJ	0.1 U				
4-Isopropyltoluene	ug/l	0.1 UJ	0.1 U				

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-91B	MW-91B	MW-91D	MW-92A	MW-92B	MW-93A
	Field Sample ID:	BMW-091-122006	BMW-091-122006	DMW-091-122006	AMW-092-122006	BMW-092-122006	AMW-093-122006
	Lab Sample ID:	0612038-11	0612038-11RE1	0612038-13	0612029-05	0612029-04	0612038-02
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/5/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	RE 1	I 1	I 1	I 1	I 1
VOCs	Units						
4-Methyl-2-pentanone	ug/l	0.128 UJ	0.128 U				
Acetone	ug/l	0.612 UJ	2 U	0.612 U	0.612 U	0.612 U	0.612 U
Acrolein	ug/l	2 UJ	2 UJ	2 U	2 U	2 U	2 U
Acrylonitrile	ug/l	2 UJ	2 U	2 U	2 U	2 U	2 U
Benzene	ug/l	0.139 UJ	0.139 U				
Bromobenzene	ug/l	0.156 UJ	0.156 U				
Bromochloromethane	ug/l	0.165 UJ	0.165 U				
Bromodichloromethane	ug/l	0.135 UJ	0.135 U				
Bromoform	ug/l	0.163 UJ	0.163 U				
Bromomethane	ug/l	0.201 UJ	0.201 U				
Carbon disulfide	ug/l	0.183 UJ	0.183 U				
Carbon tetrachloride	ug/l	0.137 UJ	0.137 U				
Chlorobenzene	ug/l	0.156 UJ	0.156 U				
Chloroethane	ug/l	0.207 UJ	0.207 U				
Chloroform	ug/l	0.214 UJ	0.214 U				
Chloromethane	ug/l	0.173 UJ	0.173 U				
cis-1,2-Dichloroethene	ug/l	0.151 UJ	0.151 U				
cis-1,3-Dichloropropene	ug/l	0.1 UJ	0.1 U				
Dibromochloromethane	ug/l	0.133 UJ	0.133 U				
Dibromomethane	ug/l	0.1 UJ	0.1 U				
Dichlorodifluoromethane	ug/l	0.5 UJ	0.5 U				
Diisopropyl Ether	ug/l	0.5 UJ	0.5 U				
Ethylbenzene	ug/l	0.1 UJ	0.1 U				
Hexachlorobutadiene	ug/l	0.192 UJ	0.192 U				
Isopropylbenzene	ug/l	0.1 UJ	0.1 U				
Methyl tert butyl ether	ug/l	0.1 UJ	0.1 U				

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-91B	MW-91B	MW-91D	MW-92A	MW-92B	MW-93A
Field Sample ID:	BMW-091-122006	BMW-091-122006	DMW-091-122006	AMW-092-122006	BMW-092-122006	AMW-093-122006
Lab Sample ID:	0612038-11	0612038-11RE1	0612038-13	0612029-05	0612029-04	0612038-02
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/5/2006
Field QC:	Original Sample					
Analysis Information:	I 1	RE 1	I 1	I 1	I 1	I 1
VOCs	Units					
Methylene chloride	ug/l	0.398 UJ	0.398 U	0.398 U	0.398 U	0.398 U
m,p-Xylene	ug/l	0.216 UJ	0.216 U	0.216 U	0.216 U	0.216 U
Naphthalene	ug/l	0.139 UJ	0.139 U	0.139 U	0.139 U	0.139 U
n-Butylbenzene	ug/l	0.14 UJ	0.14 U	0.14 U	0.14 U	0.14 U
n-Propylbenzene	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
o-Xylene	ug/l	0.102 UJ	0.102 U	0.102 U	0.102 U	0.102 U
sec-Butylbenzene	ug/l	0.133 UJ	0.133 U	0.133 U	0.133 U	0.133 U
Styrene	ug/l	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 U
tert-Butylbenzene	ug/l	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U
Tetrachloroethene	ug/l	0.115 UJ	0.115 U	0.115 U	0.115 U	0.115 U
Toluene	ug/l	0.105 UJ	0.105 U	0.105 U	0.105 U	0.105 U
trans-1,2-Dichloroethene	ug/l	0.152 UJ	0.152 U	0.152 U	0.152 U	0.152 U
trans-1,3-Dichloropropene	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Trichloroethene	ug/l	0.151 UJ	0.151 U	0.151 U	0.151 U	0.151 U
Trichlorofluoromethane	ug/l	0.111 UJ	0.111 U	0.111 U	0.111 U	0.111 U
Vinyl acetate	ug/l	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U
Vinyl chloride	ug/l	0.239 UJ	0.239 U	0.239 U	0.239 U	0.239 U
Explosives	Units					
1,3-Dinitrobenzene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U
2-Amino-4,6-Dinitrotoluene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U
2-Nitrotoluene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U
2,6-Dinitrotoluene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U

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Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	Station ID:	MW-91B	MW-91B	MW-91D	MW-92A	MW-92B	MW-93A
Field Sample ID:	BMW-091-122006	BMW-091-122006	DMW-091-122006	AMW-092-122006	BMW-092-122006	BMW-092-122006	AMW-093-122006
Lab Sample ID:	0612038-11	0612038-11RE1	0612038-13	0612029-05	0612029-04	0612029-02	0612038-02
Lab Name:	AML						
Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/4/2006	12/5/2006
Field QC:	Original Sample						
Analysis Information:	I 1	RE 1	I 1	I 1	I 1	I 1	I 1
Explosives	Units						
3-Nitrotoluene	ug/l	0.079 U		0.079 U	0.078 U	0.079 U	0.077 U
4-Amino-2,6-Dinitrotoluene	ug/l	0.079 U		0.079 U	0.078 U	0.079 U	0.077 U
4-Nitrotoluene	ug/l	0.079 U		0.079 U	0.078 U	0.079 U	0.077 U
HMX	ug/l	0.079 U		0.079 U	0.078 U	0.079 U	0.077 U
Nitrobenzene	ug/l	0.079 U		0.079 U	0.078 U	0.079 U	0.077 U
RDX	ug/l	0.079 U		0.079 U	0.078 U	0.079 U	0.077 U
Tetryl	ug/l	0.079 U		0.283 J	0.078 U	0.079 U	0.077 U

MW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:	MW-93B
Field Sample ID:	BMW-093-122006
Lab Sample ID:	0612038-03
Lab Name:	AML
Sample Date:	12/5/2006
Field QC:	Original Sample
Analysis Information:	I 1

VOCs	Units	
1,1-Dichloroethane	ug/l	0.214 U
1,1-Dichloroethene	ug/l	0.183 U
1,1-Dichloropropene	ug/l	0.1 U
1,1,1-Trichloroethane	ug/l	0.18 U
1,1,1,2-Tetrachloroethane	ug/l	0.222 U
1,1,2,2-Tetrachloroethane	ug/l	0.1 U
1,1,2-Trichloroethane	ug/l	0.143 U
1,2-Dibromo-3-chloropropane	ug/l	0.133 U
1,2-Dibromoethane	ug/l	0.117 U
1,2-Dichlorobenzene	ug/l	0.141 U
1,2-Dichloroethane	ug/l	0.182 U
1,2-Dichloropropane	ug/l	0.119 U
1,2,3-Trichlorobenzene	ug/l	0.142 U
1,2,3-Trichloropropane	ug/l	0.107 U
1,2,4-Trichlorobenzene	ug/l	0.108 U
1,2,4-Trimethylbenzene	ug/l	0.111 U
1,3-Dichlorobenzene	ug/l	0.189 U
1,3-Dichloropropane	ug/l	0.107 U
1,3,5-Trimethylbenzene	ug/l	0.113 U
1,4-Dichlorobenzene	ug/l	0.15 U
2-Butanone	ug/l	0.481 U
2-Chlorotoluene	ug/l	0.106 U
2-Hexanone	ug/l	0.163 U
2,2-Dichloropropane	ug/l	0.108 U
4-Chlorotoluene	ug/l	0.1 U
4-Isopropyltoluene	ug/l	0.1 U

MW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:	MW-93B
Field Sample ID:	BMW-093-122006
Lab Sample ID:	0612038-03
Lab Name:	AML
Sample Date:	12/5/2006
Field QC:	Original Sample
Analysis Information:	I 1

VOCs	Units	
4-Methyl-2-pentanone	ug/l	0.128 U
Acetone	ug/l	0.612 U
Acrolein	ug/l	2 U
Acrylonitrile	ug/l	2 U
Benzene	ug/l	0.139 U
Bromobenzene	ug/l	0.156 U
Bromochloromethane	ug/l	0.165 U
Bromodichloromethane	ug/l	0.135 U
Bromoform	ug/l	0.163 U
Bromomethane	ug/l	0.201 U
Carbon disulfide	ug/l	0.183 U
Carbon tetrachloride	ug/l	0.137 U
Chlorobenzene	ug/l	0.156 U
Chloroethane	ug/l	0.207 U
Chloroform	ug/l	0.214 U
Chloromethane	ug/l	0.173 U
cis-1,2-Dichloroethene	ug/l	0.151 U
cis-1,3-Dichloropropene	ug/l	0.1 U
Dibromochloromethane	ug/l	0.133 U
Dibromomethane	ug/l	0.1 U
Dichlorodifluoromethane	ug/l	0.5 U
Diisopropyl Ether	ug/l	0.5 U
Ethylbenzene	ug/l	0.1 U
Hexachlorobutadiene	ug/l	0.192 U
Isopropylbenzene	ug/l	0.1 U
Methyl tert butyl ether	ug/l	0.1 U

MW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:	MW-93B
Field Sample ID:	BMW-093-122006
Lab Sample ID:	0612038-03
Lab Name:	AML
Sample Date:	12/5/2006
Field QC:	Original Sample
Analysis Information:	I 1

VOCs	Units	
Methylene chloride	ug/l	0.398 U
m,p-Xylene	ug/l	0.216 U
Naphthalene	ug/l	0.139 U
n-Butylbenzene	ug/l	0.14 U
n-Propylbenzene	ug/l	0.1 U
o-Xylene	ug/l	0.102 U
sec-Butylbenzene	ug/l	0.133 U
Styrene	ug/l	0.1 U
tert-Butylbenzene	ug/l	0.17 U
Tetrachloroethene	ug/l	0.115 U
Toluene	ug/l	0.105 U
trans-1,2-Dichloroethene	ug/l	0.152 U
trans-1,3-Dichloropropene	ug/l	0.1 U
Trichloroethene	ug/l	0.151 U
Trichlorofluoromethane	ug/l	0.111 U
Vinyl acetate	ug/l	0.15 U
Vinyl chloride	ug/l	0.239 U

Explosives	Units	
1,3-Dinitrobenzene	ug/l	0.077 U
1,3,5-Trinitrobenzene	ug/l	0.077 U
2-Amino-4,6-Dinitrotoluene	ug/l	0.077 U
2-Nitrotoluene	ug/l	0.077 U
2,4-Dinitrotoluene	ug/l	0.077 U
2,4,6-Trinitrotoluene	ug/l	0.077 U
2,6-Dinitrotoluene	ug/l	0.077 U

MW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:	MW-93B
Field Sample ID:	BMW-093-122006
Lab Sample ID:	0612038-03
Lab Name:	AML
Sample Date:	12/5/2006
Field QC:	Original Sample
Analysis Information:	I 1

Explosives	Units	
3-Nitrotoluene	ug/l	0.077 U
4-Amino-2,6-Dinitrotoluene	ug/l	0.077 U
4-Nitrotoluene	ug/l	0.077 U
HMX	ug/l	0.077 U
Nitrobenzene	ug/l	0.077 U
RDX	ug/l	0.077 U
Tetryl	ug/l	0.077 U

MW-1

Results - Volatile Organic Compounds and Explosive Compounds Fourth Quarter 2006 Monitoring Well Sampling Event Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

AML = Analytical Management Laboratories

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

RE = Reextraction and reanalysis

MW-2
Detections - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:	MW-80A	MW-80B	MW-80B	MW-89B	MW-90A	MW-90A
Field Sample ID:	AMW-080-122006	BMW-080-122006	BMW-280-122006	BMW-089-122006	AMW-290-122006	AMW-090-122006
Lab Sample ID:	0612029-11	0612029-09	0612029-10	0612038-06	0612038-08	0612038-09
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/4/2006	12/4/2006	12/4/2006	12/5/2006	12/5/2006	12/5/2006
Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Field Duplicate	Original Sample
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1

VOCs	Units					
Chloromethane	ug/l					
Trichloroethene	ug/l	0.930 J	7.54	8.13	1.04 J	32.8
Explosives	Units					
Tetryl	ug/l					

MW-2
Detections - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-90B	MW-90B	MW-90D	MW-91D
Field Sample ID:	BMW-090-122006	BMW-090-122006	DMW-090-122006	DMW-091-122006
Lab Sample ID:	0612038-10	0612038-10RE1	0612038-07	0612038-13
Lab Name:	AML	AML	AML	AML
Sample Date:	12/5/2006	12/5/2006	12/5/2006	12/6/2006
Field QC:	Original Sample	Original Sample	Original Sample	Original Sample
Analysis Information:	I 1	DL 5	I 1	I 1

VOCs	Units		
Chloromethane	ug/l		0.330 J
Trichloroethene	ug/l	105 J	101
			27.1
Explosives	Units		
Tetryl	ug/l		0.283 J

MW-2

Detections - Volatile Organic Compounds and Explosive Compounds Fourth Quarter 2006 Monitoring Well Sampling Event Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter
AML = Analytical Management Laboratories
ID = Identification
QC = Quality Control
VOCs = Volatile Organic Compounds
RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Analysis Information:

I = Initial analysis
"1" = Dilution factor
RE = Reextraction and reanalysis

MW-3

Results - Contaminants of Concern - Volatile Orgainc Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-41A	MW-41B	MW-41D	MW-79A	MW-79B	MW-79B
Field Sample ID:	AMW-041-122006	BMW-041-122006	DMW-041-122006	AMW-079-122006	BMW-079-122006	BMW-279-122006
Lab Sample ID:	0612038-16	0612038-15	0612038-14	0612029-08	0612029-06	0612029-07
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/4/2006
Field QC:	Original Sample	Field Duplicate				
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units					
1,2-Dichloropropane	ug/l	0.119 U				
Methylene chloride	ug/l	0.398 U				
Trichloroethene	ug/l	0.151 U				
Explosives	Units					
1,3,5-Trinitrobenzene	ug/l			0.079 U	0.079 U	0.079 U
2,4-Dinitrotoluene	ug/l			0.079 U	0.079 U	0.079 U
2,4,6-Trinitrotoluene	ug/l			0.079 U	0.079 U	0.079 U
RDX	ug/l			0.079 U	0.079 U	0.079 U

MW-3

Results - Contaminants of Concern - Volatile Orgainc Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-80A	MW-80B	MW-80B	MW-80D	MW-81A	MW-81B
Field Sample ID:	AMW-080-122006	BMW-080-122006	BMW-280-122006	DMW-080-122006	AMW-081-122006	BMW-081-122006
Lab Sample ID:	0612029-11	0612029-09	0612029-10	0612029-12	0612029-03	0612029-01
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006
Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Original Sample
Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units					
1,2-Dichloropropane	ug/l	0.119 U				
Methylene chloride	ug/l	0.398 U				
Trichloroethene	ug/l	0.930 J	7.54	8.13	0.151 U	0.151 U
Explosives	Units					
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U
RDX	ug/l	0.079 U	0.079 U	0.079 U	0.077 U	0.079 U

MW-3

Results - Contaminants of Concern - Volatile Orgainc Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-81D	MW-89A	MW-89A	MW-89B	MW-89D	MW-90A
Field Sample ID:	DMW-081-122006	AMW-089-122006	AMW-089-122006	BMW-089-122006	DMW-089-122006	AMW-290-122006
Lab Sample ID:	0612029-02	0612038-05	0612038-05RE1	0612038-06	0612038-04	0612038-08
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/4/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006
Field QC:	Original Sample	Field Duplicate				
Analysis Information:	I 1	I 1	RE 1	I 1	I 1	I 1
VOCs	Units					
1,2-Dichloropropane	ug/l	0.119 U	0.119 UJ	0.119 U	0.119 U	0.119 U
Methylene chloride	ug/l	0.398 U	0.398 UJ	0.398 U	0.398 U	0.398 U
Trichloroethene	ug/l	0.151 U	0.151 UJ	0.151 U	1.04 J	0.151 U
						32.8
Explosives	Units					
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U
RDX	ug/l	0.079 U	0.078 U	0.077 U	0.078 U	0.079 U

MW-3

Results - Contaminants of Concern - Volatile Orgainc Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-90A	MW-90B	MW-90B	MW-90D	MW-91A	MW-91A
Field Sample ID:	AMW-090-122006	BMW-090-122006	BMW-090-122006	DMW-090-122006	AMW-091-122006	AMW-091-122006
Lab Sample ID:	0612038-09	0612038-10	0612038-10RE1	0612038-07	0612038-12	0612038-12RE1
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/6/2006	12/6/2006
Field QC:	Original Sample					
Analysis Information:	I 1	I 1	DL 5	I 1	I 1	RE 1
VOCs	Units					
1,2-Dichloropropane	ug/l	0.119 U	0.119 U	0.595 UJ	0.119 U	0.119 UJ
Methylene chloride	ug/l	0.398 U	0.398 U	1.99 UJ	0.398 U	0.398 U
Trichloroethene	ug/l	34.2	105 J	101	27.1	0.151 UJ
Explosives	Units					
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.079 U		0.079 U	0.079 U
RDX	ug/l	0.079 U	0.079 U		0.079 U	0.079 U

MW-3

Results - Contaminants of Concern - Volatile Orgainc Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

	MW-91B	MW-91B	MW-91D	MW-92A	MW-92B	MW-93A
Field Sample ID:	BMW-091-122006	BMW-091-122006	DMW-091-122006	AMW-092-122006	BMW-092-122006	AMW-093-122006
Lab Sample ID:	0612038-11	0612038-11RE1	0612038-13	0612029-05	0612029-04	0612038-02
Lab Name:	AML	AML	AML	AML	AML	AML
Sample Date:	12/6/2006	12/6/2006	12/6/2006	12/4/2006	12/4/2006	12/5/2006
Field QC:	Original Sample					
Analysis Information:	I 1	RE 1	I 1	I 1	I 1	I 1
VOCs	Units					
1,2-Dichloropropane	ug/l	0.119 UJ	0.119 U	0.119 U	0.119 U	0.119 U
Methylene chloride	ug/l	0.398 UJ	0.398 U	0.398 U	0.398 U	0.398 U
Trichloroethene	ug/l	0.151 UJ	0.151 U	0.151 U	0.151 U	0.151 U
Explosives	Units					
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U
RDX	ug/l	0.079 U	0.079 U	0.078 U	0.079 U	0.077 U

MW-3

Results - Contaminants of Concern - Volatile Orgainc Compounds and Explosive Compounds
Fourth Quarter 2006 Monitoring Well Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Monitoring Wells

Station ID:	MW-93B
Field Sample ID:	BMW-093-122006
Lab Sample ID:	0612038-03
Lab Name:	AML
Sample Date:	12/5/2006
Field QC:	Original Sample
Analysis Information:	I 1

VOCs	Units	
1,2-Dichloropropane	ug/l	0.119 U
Methylene chloride	ug/l	0.398 U
Trichloroethene	ug/l	0.151 U

Explosives	Units	
1,3,5-Trinitrobenzene	ug/l	0.077 U
2,4-Dinitrotoluene	ug/l	0.077 U
2,4,6-Trinitrotoluene	ug/l	0.077 U
RDX	ug/l	0.077 U

MW-3

Results - Contaminants of Concern - Volatile Organic Compounds and Explosive Compounds Fourth Quarter 2006 Monitoring Well Sampling Event Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

UJ = Not Detected, Estimated: A result followed by a "UJ" qualifier means that the analyte was not detected, but the associated quantitation limit is not certain (or estimated) because one or more laboratory quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

AML = Analytical Management Laboratories

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Analysis Information:

I = Initial analysis

DL = Diluted analysis

"J" = Dilution factor

RE = Reextraction and reanalysis

SW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	ARTESIAN	SCW-003	SCW-004	SCW-005	SCW-006	SW-01
	Field Sample ID:	0ART-122006	SCW-003-122006	SCW-004-122006	SCW-005-122006	SCW-006-122006	SW-001-122006
	Lab Sample ID:	0612045-08	0612045-02	0612045-03	0612045-04	0612045-05	0612045-06
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
1,1-Dichloroethane	ug/l	0.214 U					
1,1-Dichloroethene	ug/l	0.183 U					
1,1-Dichloropropene	ug/l	0.1 U					
1,1,1-Trichloroethane	ug/l	0.18 U					
1,1,1,2-Tetrachloroethane	ug/l	0.222 U					
1,1,2,2-Tetrachloroethane	ug/l	0.1 U					
1,1,2-Trichloroethane	ug/l	0.143 U					
1,2-Dibromo-3-chloropropane	ug/l	0.133 U					
1,2-Dibromoethane	ug/l	0.117 U					
1,2-Dichlorobenzene	ug/l	0.141 U					
1,2-Dichloroethane	ug/l	0.182 U					
1,2-Dichloropropane	ug/l	0.119 U					
1,2,3-Trichlorobenzene	ug/l	0.142 U					
1,2,3-Trichloropropane	ug/l	0.107 U					
1,2,4-Trichlorobenzene	ug/l	0.108 U					
1,2,4-Trimethylbenzene	ug/l	0.111 U					
1,3-Dichlorobenzene	ug/l	0.189 U					
1,3-Dichloropropane	ug/l	0.107 U					
1,3,5-Trimethylbenzene	ug/l	0.113 U					
1,4-Dichlorobenzene	ug/l	0.15 U					
2-Butanone	ug/l	0.481 U					
2-Chlorotoluene	ug/l	0.106 U					
2-Hexanone	ug/l	0.163 U					
2,2-Dichloropropane	ug/l	0.108 U					
4-Chlorotoluene	ug/l	0.1 U					
4-Isopropyltoluene	ug/l	0.1 U					

SW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	ARTESIAN	SCW-003	SCW-004	SCW-005	SCW-006	SW-01
	Field Sample ID:	0ART-122006	SCW-003-122006	SCW-004-122006	SCW-005-122006	SCW-006-122006	SW-001-122006
	Lab Sample ID:	0612045-08	0612045-02	0612045-03	0612045-04	0612045-05	0612045-06
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
4-Methyl-2-pentanone	ug/l	0.128 U					
Acetone	ug/l	0.612 U					
Acrolein	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
Acrylonitrile	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	ug/l	0.139 U					
Bromobenzene	ug/l	0.156 U					
Bromochloromethane	ug/l	0.165 U					
Bromodichloromethane	ug/l	0.135 U					
Bromoform	ug/l	0.163 U					
Bromomethane	ug/l	0.201 U					
Carbon disulfide	ug/l	0.183 U					
Carbon tetrachloride	ug/l	0.137 U					
Chlorobenzene	ug/l	0.156 U					
Chloroethane	ug/l	0.207 U					
Chloroform	ug/l	0.214 U					
Chloromethane	ug/l	0.173 U					
cis-1,2-Dichloroethene	ug/l	0.151 U					
cis-1,3-Dichloropropene	ug/l	0.1 U					
Dibromochloromethane	ug/l	0.133 U					
Dibromomethane	ug/l	0.1 U					
Dichlorodifluoromethane	ug/l	0.5 U					
Diisopropyl Ether	ug/l	0.5 U					
Ethylbenzene	ug/l	0.1 U					
Hexachlorobutadiene	ug/l	0.192 U					
Isopropylbenzene	ug/l	0.1 U					
Methyl tert butyl ether	ug/l	0.1 U					

SW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	ARTESIAN	SCW-003	SCW-004	SCW-005	SCW-006	SW-01
	Field Sample ID:	0ART-122006	SCW-003-122006	SCW-004-122006	SCW-005-122006	SCW-006-122006	SW-001-122006
	Lab Sample ID:	0612045-08	0612045-02	0612045-03	0612045-04	0612045-05	0612045-06
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
Methylene chloride	ug/l	0.398 U					
m,p-Xylene	ug/l	0.216 U					
Naphthalene	ug/l	0.139 U					
n-Butylbenzene	ug/l	0.14 U					
n-Propylbenzene	ug/l	0.1 U					
o-Xylene	ug/l	0.102 U					
sec-Butylbenzene	ug/l	0.133 U					
Styrene	ug/l	0.1 U					
tert-Butylbenzene	ug/l	0.17 U					
Tetrachloroethene	ug/l	0.115 U					
Toluene	ug/l	0.105 U					
trans-1,2-Dichloroethene	ug/l	0.152 U					
trans-1,3-Dichloropropene	ug/l	0.1 U					
Trichloroethene	ug/l	41.3	0.151 U				
Trichlorofluoromethane	ug/l	0.111 U					
Vinyl acetate	ug/l	0.15 U					
Vinyl chloride	ug/l	0.239 U					
Explosives	Units						
1,3-Dinitrobenzene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
2-Amino-4,6-Dinitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
2-Nitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
2,6-Dinitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U

SW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	ARTESIAN	SCW-003	SCW-004	SCW-005	SCW-006	SW-01
	Field Sample ID:	0ART-122006	SCW-003-122006	SCW-004-122006	SCW-005-122006	SCW-006-122006	SW-001-122006
	Lab Sample ID:	0612045-08	0612045-02	0612045-03	0612045-04	0612045-05	0612045-06
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	Units						
3-Nitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
4-Amino-2,6-Dinitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
4-Nitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
HMX	ug/l	0.483 J	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
Nitrobenzene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
RDX	ug/l	3.85	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
Tetryl	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U

SW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-06	SW-08	SW-08	SW-09	SW-10	SW-10
	Field Sample ID:	SW-006-122006	SW-008-122006	SW-208-122006	SW-009-122006	SW-010-122006	SW-210-122006
	Lab Sample ID:	0612045-07	0612045-09	0612045-10	0612045-11	0612045-12	0612045-13
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Field Duplicate
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
1,1-Dichloroethane	ug/l	0.214 U					
1,1-Dichloroethene	ug/l	0.183 U					
1,1-Dichloropropene	ug/l	0.1 U					
1,1,1-Trichloroethane	ug/l	0.18 U					
1,1,1,2-Tetrachloroethane	ug/l	0.222 U					
1,1,2,2-Tetrachloroethane	ug/l	0.1 U					
1,1,2-Trichloroethane	ug/l	0.143 U					
1,2-Dibromo-3-chloropropane	ug/l	0.133 U					
1,2-Dibromoethane	ug/l	0.117 U					
1,2-Dichlorobenzene	ug/l	0.141 U					
1,2-Dichloroethane	ug/l	0.182 U					
1,2-Dichloropropane	ug/l	0.119 U					
1,2,3-Trichlorobenzene	ug/l	0.142 U					
1,2,3-Trichloropropane	ug/l	0.107 U					
1,2,4-Trichlorobenzene	ug/l	0.108 U					
1,2,4-Trimethylbenzene	ug/l	0.111 U					
1,3-Dichlorobenzene	ug/l	0.189 U					
1,3-Dichloropropane	ug/l	0.107 U					
1,3,5-Trimethylbenzene	ug/l	0.113 U					
1,4-Dichlorobenzene	ug/l	0.15 U					
2-Butanone	ug/l	0.481 U					
2-Chlorotoluene	ug/l	0.106 U					
2-Hexanone	ug/l	0.163 U					
2,2-Dichloropropane	ug/l	0.108 U					
4-Chlorotoluene	ug/l	0.1 U					
4-Isopropyltoluene	ug/l	0.1 U					

SW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-06	SW-08	SW-08	SW-09	SW-10	SW-10
	Field Sample ID:	SW-006-122006	SW-008-122006	SW-208-122006	SW-009-122006	SW-010-122006	SW-210-122006
	Lab Sample ID:	0612045-07	0612045-09	0612045-10	0612045-11	0612045-12	0612045-13
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Field Duplicate
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
4-Methyl-2-pentanone	ug/l	0.128 U					
Acetone	ug/l	0.612 U					
Acrolein	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
Acrylonitrile	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	ug/l	0.139 U					
Bromobenzene	ug/l	0.156 U					
Bromochloromethane	ug/l	0.165 U					
Bromodichloromethane	ug/l	0.135 U					
Bromoform	ug/l	0.163 U					
Bromomethane	ug/l	0.201 U					
Carbon disulfide	ug/l	0.183 U					
Carbon tetrachloride	ug/l	0.137 U					
Chlorobenzene	ug/l	0.156 U					
Chloroethane	ug/l	0.207 U					
Chloroform	ug/l	0.480 J	0.214 U				
Chloromethane	ug/l	0.173 U					
cis-1,2-Dichloroethene	ug/l	0.151 U	0.410 J	0.430 J	0.151 U	0.280 J	0.300 J
cis-1,3-Dichloropropene	ug/l	0.1 U					
Dibromochloromethane	ug/l	0.133 U					
Dibromomethane	ug/l	0.1 U					
Dichlorodifluoromethane	ug/l	0.5 U					
Diisopropyl Ether	ug/l	0.5 U					
Ethylbenzene	ug/l	0.1 U					
Hexachlorobutadiene	ug/l	0.192 U					
Isopropylbenzene	ug/l	0.1 U					
Methyl tert butyl ether	ug/l	0.1 U					

SW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-06	SW-08	SW-08	SW-09	SW-10	SW-10
	Field Sample ID:	SW-006-122006	SW-008-122006	SW-208-122006	SW-009-122006	SW-010-122006	SW-210-122006
	Lab Sample ID:	0612045-07	0612045-09	0612045-10	0612045-11	0612045-12	0612045-13
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Field Duplicate
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
Methylene chloride	ug/l	0.398 U					
m,p-Xylene	ug/l	0.216 U					
Naphthalene	ug/l	0.139 U					
n-Butylbenzene	ug/l	0.14 U					
n-Propylbenzene	ug/l	0.1 U					
o-Xylene	ug/l	0.102 U					
sec-Butylbenzene	ug/l	0.133 U					
Styrene	ug/l	0.1 U					
tert-Butylbenzene	ug/l	0.17 U					
Tetrachloroethene	ug/l	0.115 U					
Toluene	ug/l	0.300 J	0.105 U				
trans-1,2-Dichloroethene	ug/l	0.152 U					
trans-1,3-Dichloropropene	ug/l	0.1 U					
Trichloroethene	ug/l	3.19	27.0	26.5	0.151 U	15.2	15.5
Trichlorofluoromethane	ug/l	0.111 U					
Vinyl acetate	ug/l	0.15 U					
Vinyl chloride	ug/l	0.239 U					
Explosives	Units						
1,3-Dinitrobenzene	ug/l	0.079 U					
1,3,5-Trinitrobenzene	ug/l	0.079 U					
2-Amino-4,6-Dinitrotoluene	ug/l	0.079 U					
2-Nitrotoluene	ug/l	0.079 U					
2,4-Dinitrotoluene	ug/l	0.079 U					
2,4,6-Trinitrotoluene	ug/l	0.079 U					
2,6-Dinitrotoluene	ug/l	0.079 U					

SW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-06	SW-08	SW-08	SW-09	SW-10	SW-10
	Field Sample ID:	SW-006-122006	SW-008-122006	SW-208-122006	SW-009-122006	SW-010-122006	SW-210-122006
	Lab Sample ID:	0612045-07	0612045-09	0612045-10	0612045-11	0612045-12	0612045-13
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Field Duplicate
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
Explosives	Units						
3-Nitrotoluene	ug/l	0.079 U					
4-Amino-2,6-Dinitrotoluene	ug/l	0.079 U					
4-Nitrotoluene	ug/l	0.079 U					
HMX	ug/l	0.079 U	0.483	0.503 J	0.079 U	0.518 J	0.521
Nitrobenzene	ug/l	0.079 U					
RDX	ug/l	0.959	2.40	2.29	0.079 U	2.24	1.93
Tetryl	ug/l	0.079 U					

SW-1**Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska**

Site Name: Mead Surface Water

	Station ID:	SW-11	SW-12
	Field Sample ID:	SW-011-122006	SW-012-122006
	Lab Sample ID:	0612045-15	0612045-14
	Lab Name:	AML	AML
	Sample Date:	12/7/2006	12/7/2006
	Field QC:	Original Sample	Original Sample
	Analysis Information:	I 1	I 1
VOCs	Units		
1,1-Dichloroethane	ug/l	0.214 U	0.214 U
1,1-Dichloroethene	ug/l	0.183 U	0.183 U
1,1-Dichloropropene	ug/l	0.1 U	0.1 U
1,1,1-Trichloroethane	ug/l	0.18 U	0.18 U
1,1,1,2-Tetrachloroethane	ug/l	0.222 U	0.222 U
1,1,2,2-Tetrachloroethane	ug/l	0.1 U	0.1 U
1,1,2-Trichloroethane	ug/l	0.143 U	0.143 U
1,2-Dibromo-3-chloropropane	ug/l	0.133 U	0.133 U
1,2-Dibromoethane	ug/l	0.117 U	0.117 U
1,2-Dichlorobenzene	ug/l	0.141 U	0.141 U
1,2-Dichloroethane	ug/l	0.182 U	0.182 U
1,2-Dichloropropane	ug/l	0.119 U	0.119 U
1,2,3-Trichlorobenzene	ug/l	0.142 U	0.142 U
1,2,3-Trichloropropane	ug/l	0.107 U	0.107 U
1,2,4-Trichlorobenzene	ug/l	0.108 U	0.108 U
1,2,4-Trimethylbenzene	ug/l	0.111 U	0.111 U
1,3-Dichlorobenzene	ug/l	0.189 U	0.189 U
1,3-Dichloropropane	ug/l	0.107 U	0.107 U
1,3,5-Trimethylbenzene	ug/l	0.113 U	0.113 U
1,4-Dichlorobenzene	ug/l	0.15 U	0.15 U
2-Butanone	ug/l	0.481 U	0.481 U
2-Chlorotoluene	ug/l	0.106 U	0.106 U
2-Hexanone	ug/l	0.163 U	0.163 U
2,2-Dichloropropane	ug/l	0.108 U	0.108 U
4-Chlorotoluene	ug/l	0.1 U	0.1 U
4-Isopropyltoluene	ug/l	0.1 U	0.1 U

SW-1**Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska**

Site Name: Mead Surface Water

Station ID:	SW-11	SW-12
Field Sample ID:	SW-011-122006	SW-012-122006
Lab Sample ID:	0612045-15	0612045-14
Lab Name:	AML	AML
Sample Date:	12/7/2006	12/7/2006
Field QC:	Original Sample	Original Sample
Analysis Information:	I 1	I 1

VOCs	Units		
4-Methyl-2-pentanone	ug/l	0.128 U	0.128 U
Acetone	ug/l	0.612 U	0.612 U
Acrolein	ug/l	2 U	2 U
Acrylonitrile	ug/l	2 U	2 U
Benzene	ug/l	0.139 U	0.139 U
Bromobenzene	ug/l	0.156 U	0.156 U
Bromochloromethane	ug/l	0.165 U	0.165 U
Bromodichloromethane	ug/l	0.135 U	0.135 U
Bromoform	ug/l	0.163 U	0.163 U
Bromomethane	ug/l	0.201 U	0.201 U
Carbon disulfide	ug/l	0.183 U	0.183 U
Carbon tetrachloride	ug/l	0.137 U	0.137 U
Chlorobenzene	ug/l	0.156 U	0.156 U
Chloroethane	ug/l	0.207 U	0.207 U
Chloroform	ug/l	0.214 U	0.214 U
Chloromethane	ug/l	0.173 U	0.173 U
cis-1,2-Dichloroethene	ug/l	0.151 U	0.151 U
cis-1,3-Dichloropropene	ug/l	0.1 U	0.1 U
Dibromochloromethane	ug/l	0.133 U	0.133 U
Dibromomethane	ug/l	0.1 U	0.1 U
Dichlorodifluoromethane	ug/l	0.5 U	0.5 U
Diisopropyl Ether	ug/l	0.5 U	0.5 U
Ethylbenzene	ug/l	0.1 U	0.1 U
Hexachlorobutadiene	ug/l	0.192 U	0.192 U
Isopropylbenzene	ug/l	0.1 U	0.1 U
Methyl tert butyl ether	ug/l	0.1 U	0.1 U

SW-1
Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-11	SW-12
Field Sample ID:	SW-011-122006	SW-012-122006	
Lab Sample ID:	0612045-15	0612045-14	
Lab Name:	AML	AML	
Sample Date:	12/7/2006	12/7/2006	
Field QC:	Original Sample	Original Sample	
Analysis Information:	I 1	I 1	
VOCs	Units		
Methylene chloride	ug/l	0.398 U	0.398 U
m,p-Xylene	ug/l	0.216 U	0.216 U
Naphthalene	ug/l	0.139 U	0.139 U
n-Butylbenzene	ug/l	0.14 U	0.14 U
n-Propylbenzene	ug/l	0.1 U	0.1 U
o-Xylene	ug/l	0.102 U	0.102 U
sec-Butylbenzene	ug/l	0.133 U	0.133 U
Styrene	ug/l	0.1 U	0.1 U
tert-Butylbenzene	ug/l	0.17 U	0.17 U
Tetrachloroethene	ug/l	0.115 U	0.115 U
Toluene	ug/l	0.105 U	0.105 U
trans-1,2-Dichloroethene	ug/l	0.152 U	0.152 U
trans-1,3-Dichloropropene	ug/l	0.1 U	0.1 U
Trichloroethene	ug/l	0.151 U	1.09 J
Trichlorofluoromethane	ug/l	0.111 U	0.111 U
Vinyl acetate	ug/l	0.15 U	0.15 U
Vinyl chloride	ug/l	0.239 U	0.239 U
Explosives	Units		
1,3-Dinitrobenzene	ug/l	0.079 U	0.079 U
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.079 U
2-Amino-4,6-Dinitrotoluene	ug/l	0.079 U	0.079 U
2-Nitrotoluene	ug/l	0.079 U	0.079 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.079 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.079 U
2,6-Dinitrotoluene	ug/l	0.079 U	0.079 U

SW-1**Results - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska**

Site Name: Mead Surface Water

Station ID:	SW-11	SW-12
Field Sample ID:	SW-011-122006	SW-012-122006
Lab Sample ID:	0612045-15	0612045-14
Lab Name:	AML	AML
Sample Date:	12/7/2006	12/7/2006
Field QC:	Original Sample	Original Sample
Analysis Information:	I 1	I 1

Explosives	Units		
3-Nitrotoluene	ug/l	0.079 U	0.079 U
4-Amino-2,6-Dinitrotoluene	ug/l	0.079 U	0.079 U
4-Nitrotoluene	ug/l	0.079 U	0.079 U
HMX	ug/l	0.079 U	0.079 U
Nitrobenzene	ug/l	0.079 U	0.079 U
RDX	ug/l	0.079 U	0.338
Tetryl	ug/l	0.079 U	0.079 U

SW-1

Results - Volatile Organic Compounds and Explosive Compounds Fourth Quarter 2006 Surface Water Sampling Event Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

AML = Analytical Management Laboratories

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Tetryl = Methyl-2,4,6-trinitrophenylnitramine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

SW-2
Detections - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	ARTESIAN	SW-06	SW-08	SW-08	SW-10	SW-10
	Field Sample ID:	0ART-122006	SW-006-122006	SW-008-122006	SW-208-122006	SW-010-122006	SW-210-122006
	Lab Sample ID:	0612045-08	0612045-07	0612045-09	0612045-10	0612045-12	0612045-13
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample	Original Sample	Original Sample	Field Duplicate	Original Sample	Field Duplicate
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
Chloroform	ug/l		0.480 J				
cis-1,2-Dichloroethene	ug/l			0.410 J	0.430 J	0.280 J	0.300 J
Toluene	ug/l		0.300 J				
Trichloroethene	ug/l	41.3	3.19	27.0	26.5	15.2	15.5
Explosives	Units						
HMX	ug/l	0.483 J		0.483	0.503 J	0.518 J	0.521
RDX	ug/l	3.85	0.959	2.40	2.29	2.24	1.93

SW-2

Detections - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

Station ID:	SW-12
Field Sample ID:	SW-012-122006
Lab Sample ID:	0612045-14
Lab Name:	AML
Sample Date:	12/7/2006
Field QC:	Original Sample
Analysis Information:	I 1

VOCs	Units	
Chloroform	ug/l	
cis-1,2-Dichloroethene	ug/l	
Toluene	ug/l	
Trichloroethene	ug/l	1.09 J
Explosives	Units	
HMX	ug/l	
RDX	ug/l	0.338

SW-2

Detections - Volatile Organic Compounds and Explosive Compounds Fourth Quarter 2006 Surface Water Sampling Event Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

AML = Analytical Management Laboratories

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

SW-3

Results - Contaminants of Concern - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	ARTESIAN	SCW-003	SCW-004	SCW-005	SCW-006	SW-01
	Field Sample ID:	0ART-122006	SCW-003-122006	SCW-004-122006	SCW-005-122006	SCW-006-122006	SW-001-122006
	Lab Sample ID:	0612045-08	0612045-02	0612045-03	0612045-04	0612045-05	0612045-06
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample					
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
1,2-Dichloropropane	ug/l	0.119 U					
Methylene chloride	ug/l	0.398 U					
Trichloroethene	ug/l	41.3	0.151 U				
Explosives	Units						
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U
RDX	ug/l	3.85	0.077 U	0.077 U	0.078 U	0.076 U	0.076 U

SW-3

Results - Contaminants of Concern - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska

Site Name: Mead Surface Water

	Station ID:	SW-06	SW-08	SW-08	SW-09	SW-10	SW-10
	Field Sample ID:	SW-006-122006	SW-008-122006	SW-208-122006	SW-009-122006	SW-010-122006	SW-210-122006
	Lab Sample ID:	0612045-07	0612045-09	0612045-10	0612045-11	0612045-12	0612045-13
	Lab Name:	AML	AML	AML	AML	AML	AML
	Sample Date:	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
	Field QC:	Original Sample	Original Sample	Field Duplicate	Original Sample	Original Sample	Field Duplicate
	Analysis Information:	I 1	I 1	I 1	I 1	I 1	I 1
VOCs	Units						
1,2-Dichloropropane	ug/l	0.119 U					
Methylene chloride	ug/l	0.398 U					
Trichloroethene	ug/l	3.19	27.0	26.5	0.151 U	15.2	15.5
Explosives	Units						
1,3,5-Trinitrobenzene	ug/l	0.079 U					
2,4-Dinitrotoluene	ug/l	0.079 U					
2,4,6-Trinitrotoluene	ug/l	0.079 U					
RDX	ug/l	0.959	2.40	2.29	0.079 U	2.24	1.93

SW-3**Results - Contaminants of Concern - Volatile Organic Compounds and Explosive Compounds
Fourth Quarter 2006 Surface Water Sampling Event
Former Nebraska Ordnance Plant, Mead, Nebraska**

Site Name: Mead Surface Water

Station ID:	SW-11	SW-12
Field Sample ID:	SW-011-122006	SW-012-122006
Lab Sample ID:	0612045-15	0612045-14
Lab Name:	AML	AML
Sample Date:	12/7/2006	12/7/2006
Field QC:	Original Sample	Original Sample
Analysis Information:	I 1	I 1

VOCs	Units		
1,2-Dichloropropane	ug/l	0.119 U	0.119 U
Methylene chloride	ug/l	0.398 U	0.398 U
Trichloroethene	ug/l	0.151 U	1.09 J
Explosives	Units		
1,3,5-Trinitrobenzene	ug/l	0.079 U	0.079 U
2,4-Dinitrotoluene	ug/l	0.079 U	0.079 U
2,4,6-Trinitrotoluene	ug/l	0.079 U	0.079 U
RDX	ug/l	0.079 U	0.338

SW-3

Results - Contaminants of Concern - Volatile Organic Compounds and Explosive Compounds Fourth Quarter 2006 Surface Water Sampling Event Former Nebraska Ordnance Plant, Mead, Nebraska

Notes:

U = Not Detected: A result followed by a "U" qualifier means that the analyte was not detected at the given quantitation limit by the laboratory instrument.

J = Detected, Estimated: A result followed by a "J" qualifier means that the analyte was detected, but there is some question that the reported concentration is accurate. This may be because the analyte was detected below the quantitation limit, or because one or more quality control indicators did not meet acceptance criteria.

ug/l = micrograms per liter

AML = Analytical Management Laboratories

ID = Identification

QC = Quality Control

VOCs = Volatile Organic Compounds

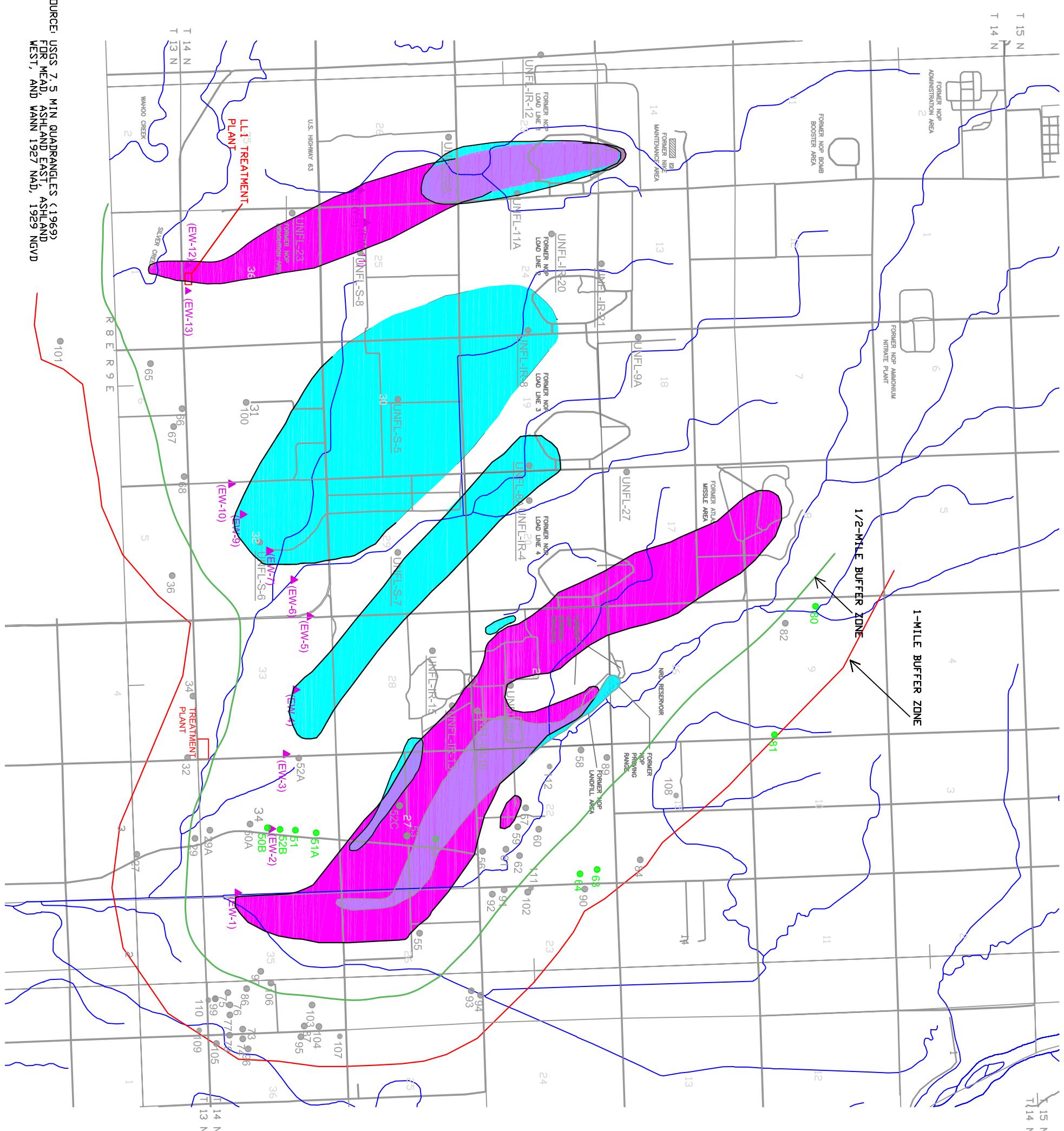
RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine

Analysis Information:

I = Initial analysis

"1" = Dilution factor

Figures



EXPLANATION:

- 55 WATER SUPPLY WELLS SAMPLED
- 80 WATER SUPPLY WELLS NOT SAMPLED
- ▲ (EW-4) EXTRACTION WELLS
- APPROXIMATE AREA OF TCE-CONTAMINATED GROUNDWATER GREATER THAN OR EQUAL TO THE MCL OF 5 ug/L
- APPROXIMATE AREA OF EXPLOSIVES-CONTAMINATED GROUNDWATER GREATER THAN OR EQUAL TO THE LIFETIME HEALTH ADVISORY OF 2 ug/L
- APPROXIMATE AREA OF COMBINED TCE AND EXPLOSIVES CONTAMINATION IN GROUNDWATER (TCE AND EXPLOSIVES CONCENTRATIONS GREATER THAN OR EQUAL TO 2 ug/L AND 2 ug/L, RESPECTIVELY)

ECC Environmental Chemical Corporation	U.S. ARMY ENGINEER DISTRICT KANSAS CITY, MISSOURI
Scale: 1 IN = 4000 FT	Sheet number _____
Date: DEC 2006	_____
Drawn: _____	_____

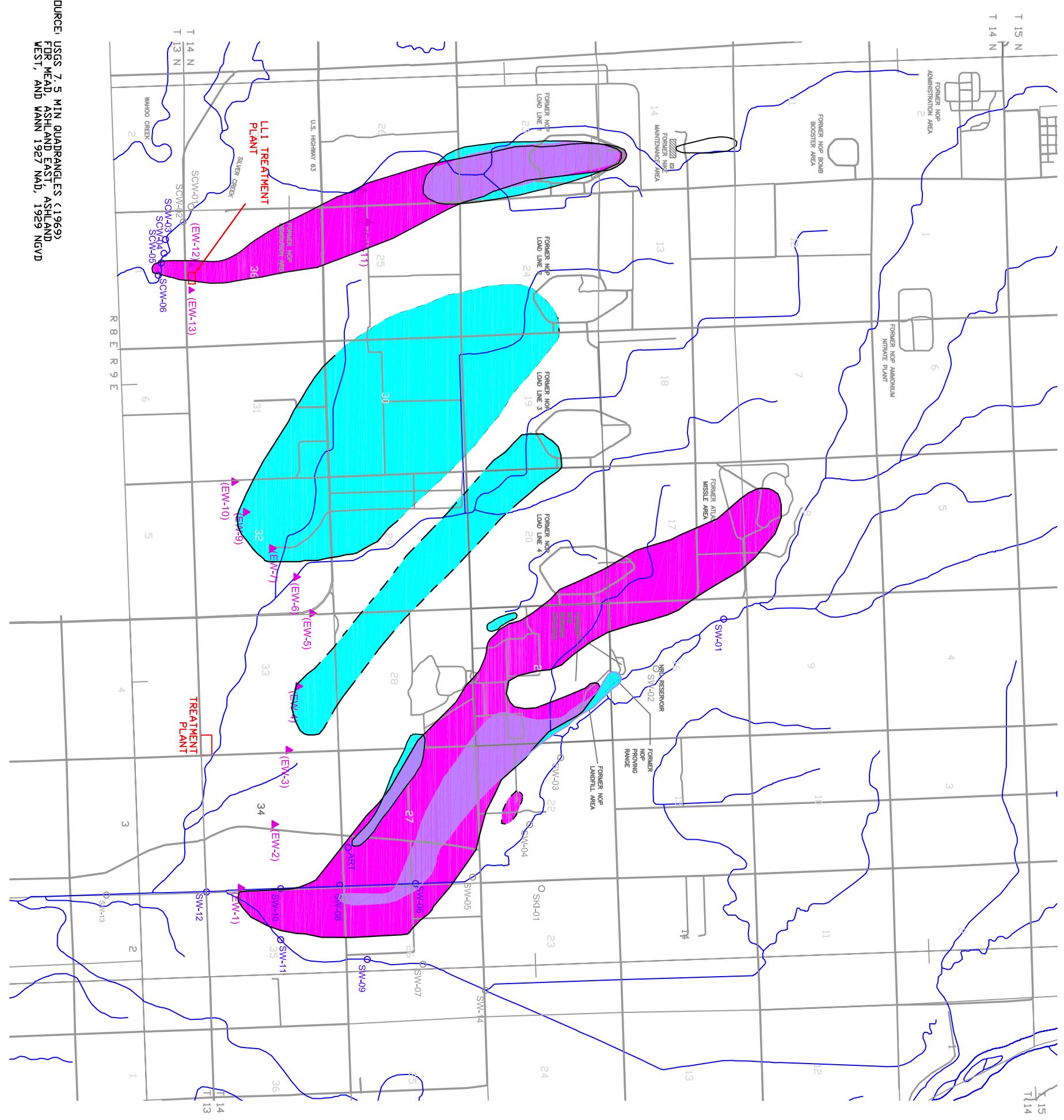
Mead Former NOP Area
Water Supply Wells Sampled 4rd Qtr 2006

1
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1
.5 0 1 KILOMETER

2006 GROUNDWATER MONITORING PROGRAM
FORMER NEBRASKA ORDNANCE PLANT - MEAD, NE.

WSW-1

SOURCE: USGS 7.5 MIN QUADRANGLES (<1969)
FOR MEAD, ASHLAND EAST, ASHLAND
WEST, AND WANN 1927 NAD, 1929 NGVD



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2006 GROUNDWATER MONITORING PROGRAM		
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Sheet Number: _____		

Surface Water Sampled 4rd Qtr 2006

